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# TEST MENU 2023

**Your Guide to Our Latest Tests**

For Healthcare Professionals only



# GENERAL SCREENINGS DETAILS

Panel Code	Schedule Code	Test	Specimen Requirements
M50	3006	<b>M50 Merdeka Screen</b> FBC LFT LIP RFT Glucose Urine FEME	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 2ml Fluoride Oxalate (GREY) 50ml Mid Stream Urine
GP1	2672	<b>Gribbles Plus One (GP1)</b> ABO & Rh (D) FBC & BF ESR LFT LIP RFT Glucose HBsAg & HBsAb Urine FEME	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 2ml Fluoride Oxalate (GREY) 50ml Mid Stream Urine
GS3	1524	<b>General Screen Test 3 (GT3)</b> ABO & Rh (D) FBC & BF ESR LFT LIP RFT Glucose Rheumatoid Factor TSH HBsAg & HBsAb HIV I & II (Ag/Ab) HAV IgG RPR (with titre and TPPA if reactive) AFP CEA Urine FEME	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 2ml Fluoride Oxalate (GREY) 50ml Mid Stream Urine
G20	1786	<b>G2000 Millenium Screen</b> ABO & Rh (D) FBC & BF ESR LFT LIP RFT Glucose Rheumatoid Factor TSH HBsAg & HBsAb HIV I & II (Ag/Ab) RPR (with titre and TPPA if reactive) Urine FEME	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 2ml Fluoride Oxalate (GREY) 50ml Mid Stream Urine

Panel Code	Schedule Code	Test	Specimen Requirements
G2X	2050	<b>G2000X</b> ABO & Rh (D) FBC & BF ESR LFT LIP RFT Glucose Rheumatoid Factor TSH HBsAg & HBsAb RPR (with titre and TPPA if reactive) Urine FEME	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 2ml Fluoride Oxalate (GREY) 50ml Mid Stream Urine
G2A	1885	<b>G2000A</b> ABO & Rh (D) FBC & BF ESR LFT LIP RFT Glucose Rheumatoid Factor TSH HBsAg & HBsAb HAV IgG RPR (with titre and TPPA if reactive) Urine FEME	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 2ml Fluoride Oxalate (GREY) 50ml Mid Stream Urine
GS9	1561	<b>General Screen Test 9 (GT9)</b> ABO & Rh (D) FBC & BF ESR LFT LIP RFT Glucose Rheumatoid Factor TSH HBsAg & HBsAb HIV I & II (Ag/Ab) HAV IgG RPR (with titre and TPPA if reactive) AFP Urine FEME	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 2ml Fluoride Oxalate (GREY) 50ml Mid Stream Urine



Panel Code	Schedule Code	Test	Specimen Requirements
EX1	2435	<b>Executive Male &amp; Female (EX1)</b> ABO & Rh (D) FBC & BF ESR LFT LIP RFT Glucose Rheumatoid Factor Homocysteine TSH HBsAg & HBsAb RPR (with titre and TPPA if reactive) AFP CEA CA 125 (female only) Total PSA (male only) Urine FEME	2 x 8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 2ml Fluoride Oxalate (GREY) 50ml Mid Stream Urine

## TAG-ONS

**Note: The following Tag-ons are ONLY for General Screening Profiles.**

Panel Code	Schedule Code	Test
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### Cardiology

CRX	2119	C-Reactive Protein (High Sensitivity)
HOX	2249	Homocysteine
AAX	3009	Apolipoprotein A
ABX	3009	Apolipoprotein B
LPX	3011	Lipoprotein (a)
3AP	3013	All of ApoA, ApoB & Lip (a)
HSX	6021	High Sensitive Troponin I

### Endocrinology

OSX	2330	Oestradiol
FSX	3014	Follicle Stimulating Hormone (FSH)
LX	3015	Luteinizing Hormone (LH)
PRX	3016	Prolactin
TSX	2009	Thyroid Stimulating Hormone (TSH)
F3X	2328	Free Tri-iodo Thyronine (FT3)
F4X	2252	Free Thyroxine (FT4)
TEX	2331	Testosterone (Total)
MAX	2250	Microalbumin (Urine)
GHX	2088	HbA1c
SHX	2469	Sex Hormone Binding Globulin (SHBG)
OXD	3708	Vitamin D

### Haematology

BX	2251	ABO (Blood Group) & Rhesus
FEX	3024	Ferritin
FOX	3025	Folate (serum)
B1X	3026	Vitamin B12
HXE	3381	Hb Analysis

Panel Code	Schedule Code	Test
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### Immunology

RHX	2255	Rheumatoid Factor (RF)
ANX	2138	Anti Nuclear Antibody (ANA)
MX	3021	Anti-Thyroid Peroxidase Antibody (TPO-Ab)
TX	3022	Thyroglobulin Antibody (TA)
CCX	3023	Anti-CCP

### Infectious Diseases

FX	2327	Faecal FEME
HIX	2253	HIV I & II (Ag/Ab)
H3X	2254	Hep B surface Ag & Hep B surface Ab
HAX	2150	Hep A Antibody (HAV IgG)
HMX	3017	Hep Bc IgM
RXR	3203	RPR (with titre and TPPA if reactive)
HTX	3018	Hep Bc Total
HXX	3019	Hep Be Ag
HYX	3020	Hep Be Ab
HCX	2332	Hepatitis C Antibody (Total)
HEX	2333	H. pylori (Antibody screen)

### Oncology

AFX	1894	Alpha FetoProtein (AFP)
C5X	1894	CA 15-3
C9X	1894	CA 19-9
C1X	1894	CA 125
CEX	1894	Carcinoembryonic Antigen (CEA)
PSX	1894	Total Prostate-Specific Antigen (PSA)
OBX	1924	Faecal Occult blood (Immunological)
VCX	1895	EBV/ VCA IgA (NPC)

# SPECIALISED SCREENINGS

Panel Code	Schedule Code	Test	Specimen Requirements
=FOSPR	3134	<b>Foreign Students Package 1</b> HBsAg & HBsAb Hepatitis C Antibody HIV I & II (Ag/Ab) RPR (with titre and TPPA if reactive) Malarial Parasites Urine FEME Opiates & Cannabinoids Urine Amphetamines Type Substances	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 50ml Mid Stream Urine
=FOSPR2	Q1170	<b>Foreign Students Package 2</b> HBsAg & HBsAb Hepatitis C Antibody HIV I & II (Ag/Ab) Malarial Parasites Urine FEME Opiates & Cannabinoids Urine Amphetamines Type Substances	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 50ml Mid Stream Urine
=FOSPR3	Q1171	<b>Foreign Students Package 3</b> HBsAg & HBsAb Hepatitis C Antibody HIV I & II (Ag/Ab) RPR (with titre and TPPA if reactive) Malarial Parasites	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
=FOSPR4	Q1173	<b>Foreign Students Package 4</b> HBsAg & HBsAb Hepatitis C Antibody HIV I & II (Ag/Ab) RPR (with titre and TPPA if reactive)	8ml Plain (Gel-YELLOW)
=FW1	1500	<b>Foreign Worker Screen</b> ABO & Rh (D) HBsAg HIV I & II (Ag/Ab) RPR (with titre and TPPA if reactive) Malarial Parasites Urine FEME Opiates & Cannabinoids	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 50ml Mid Stream Urine
=FW1F	6543	<b>Foreign Worker Screen (Female)</b> ABO & Rh (D) HBsAg HIV I & II (Ag/Ab) RPR (with titre and TPPA if reactive) Malarial Parasites Urine FEME Opiates & Cannabinoids Urine Pregnancy	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 50ml Mid Stream Urine

Panel Code	Schedule Code	Test	Specimen Requirements
EW	1613	<b>Foreign Worker East Malaysia</b> HBsAg HIV I & II (Ag/Ab) RPR (with titre and TPPA if reactive) Malarial Parasites Urine FEME Opiates & Cannabinoids Urine Pregnancy (if female)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 50ml Mid Stream Urine
ES	1612	<b>Pre-Employment Studies</b> ABO & Rh (D) HBsAg HIV I & II (Ag/Ab) Malarial Parasites Urine FEME Opiates & Cannabinoids RPR (with titre & TPPA if reactive) Urine Pregnancy (if female)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 50ml Mid Stream Urine
=P.EMP-SC1	Q1019	<b>Pre-Employment Studies 2</b> HBsAg HIV I & II (Ag/Ab) Malarial Parasites Urine FEME Opiates & Cannabinoids RPR (with titre & TPPA if reactive)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 50ml Mid Stream Urine
PMF	1785	<b>Pre-marital Screen (Female)</b> ABO & Rh (D) FBC HBsAg & HBsAb Hepatitis C Antibody HIV I & II (Ag/Ab) Hb Analysis RPR (with titre & TPPA if reactive) Rubella IgG	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
PMS	1784	<b>Pre-marital Screen (Male)</b> ABO & Rh (D) FBC HBsAg & HBsAb Hepatitis C Antibody HIV I & II (Ag/Ab) Hb Analysis RPR (with titre & TPPA if reactive)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
PRB	1828	<b>Pre Operative Screen</b> ABO & Rh (D) FBC HBsAg HIV I & II (Ag/Ab) RPR (with titre & TPPA if reactive)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)

# ALLERGIES

Panel Code	Schedule Code	Test	Specimen Requirements
DAP	3052	<b>Domestic Allergy Panel (includes total IgE):</b> House dust (greer), Dermatophagoides pteronyssinus, Dermatophagoides farinae, Blomia tropicalis and cockroach.	8ml Plain (Gel-YELLOW)
MAP	3051	<b>Malaysian Allergy Panel (includes total IgE):</b> <b>36 ALLERGENS (MIXES)</b>	8ml Plain (Gel-YELLOW)
A54	5062	<b>Allergy Test - 54 Allergens.</b> <b>Only test incorporating CCD (cross-reactive carbohydrate determinants) line for cross reactivity.</b>	8ml Plain (Gel-YELLOW)
FIT	3422	<b>Food Intolerance Test</b> IgG antibodies on 221 foods will be tested using microarray technology.	8ml Plain (Gel-YELLOW)
PFP	3054	<b>Paediatric Food Allergy Panel (includes total IgE):</b> Egg yolk, egg white, cow's milk, wheat, peanut, soya bean and anchovy	8ml Plain (Gel-YELLOW)
SAP	3053	<b>Seafood Allergy Panel (includes total IgE):</b> Anchovy, squid, crab, clam and shrimp	8ml Plain (Gel-YELLOW)

# ANTI-AGEING

Panel Code	Schedule Code	Test	Specimen Requirements
=SAAPF	2228	<b>Anti Ageing Ladies SAAPF Profile</b> CA 125 CA 15-3 CA 19-9 Carcinoembryonic Antigen (CEA) Dehydroepiandrosterone Sulphate (DHEAS) E2 (Oestradiol) Follicle-stimulating Hormone (FSH) GS9 profile Insulin-like growth factor-1 (IGF-1) Luteinizing Hormone (LH) Serum Insulin	4ml EDTA (PURPLE) 2 x 8ml Plain (Gel-YELLOW) 2ml Fluoride Oxalate (GREY) 50ml Mid Stream Urine
=SAAPM	2229	<b>Anti Ageing Men SAAPM Profile</b> CA 19-9 Carcinoembryonic Antigen (CEA) Dehydroepiandrosterone Sulphate (DHEAS) GS9 Profile Insulin-like growth factor-1 (IGF-1) Total Prostate-specific antigen (PSA) Serum Insulin Testosterone (Total)	4ml EDTA (PURPLE) 2 x 8ml Plain (Gel-YELLOW) 2ml Fluoride Oxalate (GREY) 50ml Mid Stream Urine
=NAAPF	2497	<b>Anti-Ageing Ladies NAAPF Profile</b> Dehydroepiandrosterone Sulphate (DHEAS) E2 (Oestradiol) FT3 Insulin-like growth factor-1 (IGF-1) Progesterone Serum Cortisol Serum Insulin Testosterone (Free)	2 x 8ml Plain (Gel-YELLOW) 2ml Fluoride Oxalate (GREY)
=NAAPM	2498	<b>Anti-Ageing Men NAAPM Profile</b> Dehydroepiandrosterone Sulphate (DHEAS) E2 (Oestradiol) FT3 Insulin-like growth factor-1 (IGF-1) Serum Cortisol Serum Insulin Testosterone (Free)	2 x 8ml Plain (Gel-YELLOW) 2ml Fluoride Oxalate (GREY)



Panel Code	Schedule Code	Test	Specimen Requirements
=APTMF	2815	<b>AptoMed Female Profile</b> Dehydroepiandrosterone Sulphate (DHEAS) E2 (Oestradiol) Full Blood Count (FBC) Follicle-stimulating Hormone (FSH) FT3 FT4 Insulin-like growth factor-1 (IGF-1) Lipid Profile (LIP Profile) Blood Grouping ABO & Rh Progesterone Serum Cortisol Sex hormone binding globulin (SHBG) Testosterone (Free) Testosterone (Total) Thyroid Stimulating Hormone (TSH)	4ml EDTA (PURPLE) 2 x 8ml Plain (Gel-YELLOW) 2ml Fluoride Oxalate (GREY)
=APTMM	2814	<b>AptoMed Male Profile</b> Dehydroepiandrosterone Sulphate (DHEAS) E2 (Oestradiol) Full Blood Count (FBC) FT3 FT4 Insulin-like growth factor-1 (IGF-1) Lipid Profile (LIP Profile) Blood Grouping ABO & Rh Progesterone Total Prostate-specific antigen (PSA) PSA (Free) Serum Cortisol Sex hormone binding globulin (SHBG) Testosterone (Free) Testosterone (Total) Thyroid Stimulating Hormone (TSH)	4ml EDTA (PURPLE) 2 x 8ml Plain (Gel-YELLOW) 2ml Fluoride Oxalate (GREY)

Panel Code	Schedule Code	Test	Specimen Requirements
P.AU-RAAF	Q1007	<b>Aurelia Anti-Ageing Screen (Female)</b> Full Blood Examination (FBE) Renal Function Test (RFT) Liver Function Test (LFT) Glucose Lipid Studies (LIP) Urine FEME TSH (Thyroid Stimulating Hormone) T3 (Free) T4 (Free) Alpha Feto Protein (AFP) Iron (Serum) CEA HbA1c Progesterone Oestradiol Insulin Sex Hormone Binding Globulin (SHBG) CA 125 CA 15-3 CA 19-9 Homocysteine C-Reactive Protein (High Sensitivity) DHEAS IGF-1 Testosterone (Total) Cortisol Fibrinogen Vitamin D (25 OH Vit D) FSH LH ACTH Free Androgen Index (FAI)	2 x 4ml EDTA (PURPLE) 3 x 8ml Plain (Gel-YELLOW) 2ml Fluoride Oxalate (GREY) 2.7ml Sodium Citrate (BLUE) 50ml Mid Stream Urine

Panel Code	Schedule Code	Test	Specimen Requirements
P.AU-RAAM	Q1008	<b>Aurelia Anti-Ageing Screen (Male)</b> Full Blood Examination (FBE) Renal Function Test (RFT) Liver Function Test (LFT) Glucose Lipid Studies (LIP) Urine FEME TSH (Thyroid Stimulating Hormone) T3 (Free) T4 (Free) Alpha Feto Protein (AFP) Iron (Serum) CEA HbA1c Progesterone Oestradiol Insulin Sex Hormone Binding Globulin (SHBG) CA 19-9 Homocysteine C-Reactive Protein (High Sensitivity) DHEAS IGF-1 PSA (Total) Testosterone (Total) Cortisol Fibrinogen Vitamin D (25 OH Vit D) LH ACTH Free Androgen Index (FAI)	2 x 4ml EDTA (PURPLE) 3 x 8ml Plain (Gel-YELLOW) 2ml Fluoride Oxalate (GREY) 2.7ml Sodium Citrate (BLUE) 50ml Mid Stream Urine

Panel Code	Schedule Code	Test	Specimen Requirements
P.AUR-FOLL	6251	<b>Aurelia Follow Up Profile</b> Acth Cortisol, Random Dhea Sulphate Fibrinogen Follicle Stimulating Hormone Free T3 Free T4 Homocysteine Serum Insulin Insulin-Like Gr Factor Iron (Single Test) Luteinizing Hormone (Lh) Oestradiol Tagon Progesterone Testosterone + Shbg Serum Thyroid Stimulating Hormone Vitamin D	2 x 4ml EDTA (PURPLE) 3 x 8ml Plain (Gel-YELLOW) 2ml Fluoride Oxalate (GREY) 2.7ml Sodium Citrate (BLUE) 50ml Mid Stream Urine

# CARDIOLOGY

Panel Code	Schedule Code	Test	Specimen Requirements
=CART	6014	<b>Cardiac Screen 1</b> CK CK-MB (if CK is elevated) LDH AST High Sensitive Troponin I	8ml Plain (Gel-YELLOW)
=CRF2A	6015	<b>Cardiac Screen 2</b> Total Cholesterol Triglycerides HDL LDL Non-HDL Total Chol / HDL Chol Ratio C-Reactive Protein (High Sensitivity CRP) Homocysteine High Sensitive Troponin I	8ml Plain (Gel-YELLOW)
CAR	1337	<b>Cardiac Enzymes</b> CK (CK-MB performed if CK is elevated) LDH AST	8ml Plain (Gel-YELLOW)
=CARD0	3153	<b>Cardiovascular Risk &amp; Stroke Assessment</b> Total Cholesterol Triglycerides HDL LDL Non-HDL Total Chol / HDL Chol Ratio C-Reactive Protein (High Sensitivity CRP) Homocysteine NT-ProBNP Cystatin-C High Sensitive Troponin T Apolipoprotein A Apolipoprotein B Lipoprotein (a)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
=TAGCR	3169	<b>Coronary Risk Factor</b> Homocysteine C-Reactive Protein (High Sensitivity CRP) Lipoprotein (a) Apolipoprotein A Apolipoprotein B Cystatin-C High Sensitive Troponin T NT-ProBNP	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
=CRF01	3149	<b>Coronary Risk Factors 1</b> Total Cholesterol Triglycerides HDL LDL Total Chol / HDL Chol Ratio C-Reactive Protein (High Sensitivity CRP) Homocysteine	8ml Plain (Gel-YELLOW)



Panel Code	Schedule Code	Test	Specimen Requirements
=CRF02	3150	<b>Coronary Risk Factors 2</b> Apolipoprotein A Apolipoprotein B Lipoprotein (a)	8ml Plain (Gel-YELLOW)
=CRF0	3151	<b>Coronary Risk Factors 3</b> Apolipoprotein A Apolipoprotein B Lipoprotein (a) Total Cholesterol Triglycerides HDL LDL Total Chol / HDL Chol Ratio	8ml Plain (Gel-YELLOW)
=CRF04	3152	<b>Coronary Risk Factors 4</b> Apolipoprotein A Apolipoprotein B Lipoprotein (a) Total Cholesterol Triglycerides HDL LDL Total Chol / HDL Chol Ratio C-Reactive Protein (High Sensitivity CRP) Homocysteine	8ml Plain (Gel-YELLOW)
HYP	1127	<b>Hypertension Studies</b> Urea Creatinine Uric Acid Glucose Potassium Sodium Chloride Total Cholesterol HDL LDL Non HDL Triglycerides Total Cholesterol / HDL Ratio Urine FEME	8ml Plain (Gel-YELLOW) 50ml Mid Stream Urine 2ml Fluoride Oxalate (GREY)
LIP	1338	<b>Lipid Studies</b> Total Cholesterol Triglycerides HDL LDL Non HDL Total Chol / HDL Chol Ratio	8ml Plain (Gel-YELLOW)

Panel Code	Schedule Code	Test	Specimen Requirements
LGL	1655	<b>Lipid Studies + Glucose</b> Total Cholesterol Triglycerides HDL LDL Non HDL Total Chol / HDL Chol Ratio Glucose	8ml Plain (Gel-YELLOW) 2ml Fluoride Oxalate (GREY)
LPE	1045	<b>Lipoprotein Electrophoresis</b> Total Cholesterol Triglycerides HDL Serum appearance <b>Electrophoresis Results :</b> Clylomicrons LDL VLDL HDL	8ml Plain (Gel-YELLOW)

# CHEMICAL PATHOLOGY

Panel Code	Schedule Code	Test	Specimen Requirements
=BONE1	3146	<b>Bone Profile 1</b> Beta-CrossLaps Osteocalcin Procollagen Type 1 N-terminal Propeptide (P1NP)	8ml Plain (Gel-YELLOW)
=BONE2	3147	<b>Bone Profile 2</b> Beta-CrossLaps Calcium Osteocalcin Parathyroid hormone (PTH) Procollagen Type 1 N-terminal Propeptide (P1NP) Vitamin D	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
ELY	1084	<b>Electrolytes</b> Sodium Potassium Chloride	8ml Plain (Gel-YELLOW)
ECU	1360	<b>Electrolytes, Creatinine &amp; Urea</b> Sodium Potassium Chloride Creatinine Urea	8ml Plain (Gel-YELLOW)
IS	1112	<b>Iron Studies</b> Iron TIBC % Saturation Ferritin Transferrin	8ml Plain (Gel-YELLOW)
LFT	1354	<b>Liver Function Tests</b> Total Protein Albumin Globulin AST (SGOT) ALT (SGPT) GGT (Gamma Glutamyl Transferase) ALP (Alkaline Phosphatase) Bilirubin - Total	8ml Plain (Gel-YELLOW)

Panel Code	Schedule Code	Test	Specimen Requirements
MBG	1625	<b>Multiple Biochemistry Group</b> (Multiple Biochemical Analysis) Sodium Potassium Chloride Urea Creatinine Calcium Phosphate Uric Acid Total Protein Albumin Globulin Bilirubin - Total Alkaline Phosphatase AST (SGOT) ALT (SGPT) GGT Total Cholesterol Glucose	8ml Plain (Gel-YELLOW) 2ml Fluoride Oxalate (GREY)
OPS	1355	<b>Osteoporosis Profile</b> Calcium Phosphate Alkaline Phosphatase (ALP) Vitamin D Beta Cross Laps Urine Creatinine	8ml Plain (Gel-YELLOW) 50ml mid stream urine

# COVID-19

Panel Code	Schedule Code	Test	Specimen Requirements
NCV	6112	COVID-19 RT-PCR	Upper respiratory swab (oropharyngeal and nasopharyngeal) to be transported in Viral Transport Media (VTM) in ice
UCV	6464	COVID-19 RT-PCR (Urgent)	
CCV	6474	COVID-19 RT-PCR (For China Embassy)	
ICV	6700	Rapid COVID-19 PCR (Fluores Probe)	
RCV	6365	Rapid COVID-19 PCR (EasyNAT)	
NCS	6196	COVID-19 RT-PCR (Saliva)	2mls deep throat saliva (no sputum and no bubble)
LCV	6473	Rapid COVID-19 PCR (Abbott ID Now)	Nasopharyngeal dry swab
COG	6181	RTK COVID-19 Antigen	Nasopharyngeal dry swab
COI	6184	RTK COVID-19 IgM/IgG	8ml Plain (Gel-YELLOW)
CO9	6448	COVID-19 Total Antibody ECLIA (Qualitative)	8ml Plain (Gel-YELLOW)
COQ	6516	COVID-19 Total Antibody ECLIA (Quantitative)	8ml Plain (Gel-YELLOW)
CQA	6611	COVID-19 Total Antibody ECLIA (Qualitative + Quantitative)	8ml Plain (Gel-YELLOW)
=NCI	6380	COVID-19 RT-PCR (For China Embassy) + RTK COVID-19 IgM/IgG	Upper respiratory swab (oropharyngeal and nasopharyngeal) to be transported in Viral Transport Media (VTM) in ice 8ml Plain (Gel-YELLOW)
=NOI	6597	COVID-19 RT-PCR + RTK COVID-19 IgM/IgG	Upper respiratory swab (oropharyngeal and nasopharyngeal) to be transported in Viral Transport Media (VTM) in ice 8ml Plain (Gel-YELLOW)
=NCG	6360	COVID-19 RT-PCR + RTK COVID-19 Antigen	Upper respiratory swab (oropharyngeal and nasopharyngeal) to be transported in Viral Transport Media (VTM) in ice Nasopharyngeal dry swab



# ENDOCRINOLOGY

Panel Code	Schedule Code	Test	Specimen Requirements
MEN	1326	<b>Amenorrhoea Studies</b> E2 (Oestradiol) LH FSH Prolactin FT4 (Free thyroxine)	8ml Plain (Gel-YELLOW)
=MEN1	5288	<b>Amenorrhoea Studies 1</b> E2 (Oestradiol) LH FSH Prolactin TSH	8ml Plain (Gel-YELLOW)
=MEN2	Q1168	<b>Amenorrhoea Studies 2</b> LH FSH Prolactin TSH Testosterone	8ml Plain (Gel-YELLOW)
CTE	1072	<b>Catecholamines</b> Noradrenaline Adrenaline Dopamine	24 hr urine collection, collected into 20ml HCl (concentrated). Please provide list of drugs patient is currently taking
=DIA	1340	<b>Diabetic Screen</b> Glucose Glycosylated Haemoglobin (HbA1c)	2ml Fluoride Oxalate (GREY) 4ml EDTA (PURPLE)
DST	1341	<b>Diabetic Studies</b> Glucose Urea Creatinine Electrolytes Glycosylated Haemoglobin (HbA1c) Microalbumin (Albumin / creatinine ratio)	2ml Fluoride Oxalate (GREY) 8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 50ml first void morning sample (urine)
=ISF	1351	<b>Infertility Studies 1</b> FSH LH Progesterone E2 (Oestradiol) Prolactin HCG (Quantitative)	8ml Plain (Gel-YELLOW)
=ISF2	Q1331	<b>Infertility Studies 2</b> FSH LH Progesterone E2 (Oestradiol)	8ml Plain (Gel-YELLOW)

Panel Code	Schedule Code	Test	Specimen Requirements
IFM	1352	<b>Infertility Studies (Male)</b> FSH LH Prolactin SHBG (Sex Hormone Binding Globulin) Testosterone (Total)	8ml Plain (Gel-YELLOW)
TSB	2309	<b>Male Hormone Studies</b> Testosterone (Total) SHBG (Sex Hormone Binding Globulin) Free Androgen Index	8ml Plain (Gel-YELLOW) Please provide clinical details
=P.QAN-DRO	Q1294	<b>Andropause Studies</b> FSH LH Prolactin Testosterone SHBG (Sex Hormone Binding Globulin) Free Androgen Index TSH	8ml Plain (Gel-YELLOW)
MHO	1356	<b>Menopausal Screen</b> E2 (Oestradiol) FSH LH	8ml Plain (Gel-YELLOW)
PIT	1359	<b>Pituitary Studies</b> Cortisol FSH LH Prolactin TSH Growth Hormone	8ml Plain (Gel-YELLOW) (separate serum and freeze an aliquot for growth hormone - for lab use)
TFT	1378	<b>Thyroid Function Test</b> TSH (Thyroid Stimulating Hormone) FT4 (Free thyroxine) FT3 (Free tri-iodo thyronine)	8ml Plain (Gel-YELLOW) Fasting sample required
TS4	2102	<b>Thyroid TSH/FT4</b> TSH (Thyroid Stimulating Hormone) FT4 (Free thyroxine)	8ml Plain (Gel-YELLOW) Fasting sample required
T34	1211	<b>Thyroid FT3/FT4</b> FT3 (Free tri-iodo thyronine) FT4 (Free thyroxine)	8ml Plain (Gel-YELLOW) Fasting sample required

# FLUIDS & STOOL ANALYSIS

Panel Code	Schedule Code	Test	Specimen Requirements
CFB	6340	<b>Ascitic Fluid</b> Cytology Fluid(Cell Block)Analysis	Please provide clinical history. Sample collection to use SurePath vial.
PF	1227	Chemistry (Protein, glucose & LDH)	Please provide clinical history and collection site.
FL	1226	FEME (Gram stain & cell count)	Fluid collected aseptically into sterile container.
FLC	1222	FEME, Culture & Sensitivity for aerobic & anaerobic organisms.	Please provide collection site, clinical history, antibiotic & ward. Fluid collected aseptically into sterile container. <b>DO NOT Refrigerate and transport at room temperature.</b>
CFB	6340	<b>Aspirate (Pleural, ascitic or pericardial fluid)</b> Cytology Fluid (Cell Block) Analysis for pleural, ascitic or pericardial fluid	Please provide clinical history and collection site. Sample collection to use SurePath vial.
CYT	1291	Cytology (Body fluids other than pleural, ascitic and pericardial fluid)	
PF	1227	Chemistry (Protein, glucose & LDH)	Please provide clinical history and collection site.
FL	1226	FEME (Gram stain & cell count)	Fluid collected aseptically into sterile container.
FLC	1222	FEME, Culture & Sensitivity	Please provide collection site, clinical history, antibiotic & ward. Fluid collected aseptically into sterile container. <b>DO NOT Refrigerate and transport at room temperature.</b>
CYT	1291	<b>CSF</b> Cytology	Please provide clinical history and collection site.
CSC	1032	Chemistry (Protein & glucose)	Fluid collected aseptically into sterile container.
CSS	1111	FEME (Gram stain, cell count & indian ink)	<b>Do NOT Refrigerate.</b>
CSF	1224	FEME, Culture & Sensitivity	
UM	1910	<b>FEME</b> FEME Urine	50ml Mid Stream Urine
FM	1234	FEME Faeces	Fresh faecal specimen.
OBT	1923	<b>Faecal Occult Blood - Immunological method</b> by anti human Hb antibody.	Fresh faecal specimen. Collection on 3 consecutive days recommended (No special dietary requirements)
FVS	7443	<b>Faecal Viral Studies</b>	Fresh faecal specimen.
ROT	1201	Rotavirus Ag only	Fresh faecal specimen.
NOR	4631	Norovirus Ag only	Fresh faecal specimen.
SM1	1632	<b>Faeces Concentration Microscopy</b> examination for ova, cysts and parasites.	Fresh faecal specimen.
FMC	1234	<b>Faeces Culture</b> micro & culture includes wet film and culture for Salmonella, Shigella and Campylobacter	Fresh faecal specimen.
FC	1235	<b>Faeces Culture</b> Culture for Salmonella & Shigella only.	Fresh faecal specimen / Rectal swab.

Panel Code	Schedule Code	Test	Specimen Requirements
FM	1234	<b>Faeces Direct Microscopy</b> examination for ova, cysts and parasites	Fresh faecal specimen.
SM2	1631	<b>Faeces examination for cryptosporidium</b>	Fresh faecal specimen.
PD	5238	<b>Peritoneal Fluid</b> Protein & Glucose	Fluid collected aseptically into sterile container.
CFB	6340	Cytology Fluid (Cell Block) Analysis	Please provide clinical history. Sample collection to use SurePath vial.
PF	1227	Chemistry (Protein, Glucose & LDH)	Fluid collected aseptically into sterile container.
FL	1226	FEME (Gram stain & cell count)	<b>DO NOT Refrigerate and transport at room temperature.</b>
FLC	1222	FEME, Culture & Sensitivity	
CFB	6340	<b>Pleural Fluid</b> Cytology Fluid (Cell Block) Analysis	Please provide clinical history. Sample collection to use SurePath vial.
PF	1227	Chemistry (Protein, Glucose & LDH)	Fluid collected aseptically into sterile container.
FL	1226	FEME (Gram stain & cell count)	<b>DO NOT Refrigerate and transport at room temperature.</b>
FLC	1222	FEME, Culture & Sensitivity	
SEM	1296	<b>Semen Analysis</b> Infertility	Must reach lab within 1 hour of collection. Please state time and date of collection.
VAS	1297	Post Vasectomy	If collection required phone laboratory for appointment.
CYT	1291	<b>Synovial fluid</b> Cytology	Please provide clinical history and collection site.
PF	1227	Chemistry (Protein, Glucose & rheumatoid factor)	Fluid collected aseptically into sterile container.
JFM	1815	FEME (Gram stain, cell count & crystals)	<b>DO NOT Refrigerate and transport at room temperature.</b>
JFA	1813	FEME, Culture & Sensitivity for aerobic & anaerobic organisms.	
UMC	1229	<b>Urine Culture (C&amp;S)</b> Cell count, chemistry & culture	Fresh Mid Stream sample. Please state if MSU, catheter urine, clean catch or bag specimen
CYT	1291	<b>Urine (Cytology)</b>	Please provide clinical history
UPS	1868	<b>Urine Porphyrins</b>	50ml Random Urine. Wrap in foil. Freeze Sample. Provide clinical history
UCH	1451	<b>Urine Microchemistry</b>	50ml mid stream urine



# HAEMATOLOGY & COAGULATION

Panel Code	Schedule Code	Test	Specimen Requirements
ANE	1327	<b>Anaemia Studies</b> Iron Ferritin Transferrin TIBC % Saturation B12 Folate	8ml Plain (Gel-YELLOW)
BMA	1097	<b>Bone Marrow Aspiration &amp; Examination</b>	Aspirate (4-5 slides with obvious fragments)
BMT	1096	<b>Bone Marrow Trepine &amp; Examination</b>	Trepine biopsy (1-2cm long and thin) in formalin. Please provide clinical history, recent FBC with peripheral blood film or 4ml EDTA (PURPLE). Aspirate and Trepine must be provided together for completed and comprehensive consultant reporting (MS ISO 15189 requirement)
BMP	1525	<b>Bone Marrow Processing</b> Includes MGG & Iron	Aspirate (4-5 slides with obvious fragments)
BMP	1525	Includes H&E & Reticulin	Trepine biopsy (1-2cm long and thin) in formalin
COP	1843	<b>Clotting Profile (Coagulation Profile)</b> PT/ INR A.P.T.T. Platelets	2.7ml Sodium Citrate (BLUE) 4ml EDTA (PURPLE)
=DIC	3670	<b>DIC (Disseminated Intravascular Coagulation) Screen</b> PT/ INR A.P.T.T. Platelets FDR (D-dimer) Fibrinogen	2.7ml Sodium Citrate (BLUE) 4ml EDTA (PURPLE)
F5	4142	<b>Factor Assays (Coagulation)</b> Factor 5	2 x 2.7ml Sodium Citrate (BLUE). Double spin, separate plasma and freeze.
F7	4143	Factor 7	
F8I	4148	Factor 8 Inhibitor	
F10	4144	Factor 10	
F11	4145	Factor 11	
F12	4146	Factor 12	
F13	4147	Factor 13	
FBC	1635	<b>Full Blood Count</b> Haemoglobin (Hb) Haematocrit (PCV) Red Cell Count (RCC) Mean Corpuscular Volume (MCV) White Cell Count 5 part differential Platelet Count	4ml EDTA (PURPLE)



Panel Code	Schedule Code	Test	Specimen Requirements
FBE	1082	<b>Full Blood Examination</b> Haemoglobin (Hb) Haematocrit (PCV) Red Cell Count (RCC) Mean Corpuscular Volume (MCV) White Cell Count 5 part differential Platelet Count ESR Film comment	4ml EDTA (PURPLE)
HBE	1083	<b>Hb Analysis</b> HbA2 HbF HbH Red Cell Count & Indices Ferritin Comments and Interpretation by Consultant Haematologist	4ml EDTA (PURPLE) 8ml Plain (Gel-YELLOW)  Second method will be provided if Hb Variant Detected (MS ISO15189 Requirement)
PX1 PX2 PX3	3869	<b>Post Transfusion Tests</b>	By Agreement Only. Call the lab for the sample collection time and types.
THL	1087	<b>Thalassaemia Studies</b> FBC Hb Analysis Iron Transferrin TIBC % Saturation Ferritin Film Comment Interpretation by Consultant Haematologist	4ml EDTA (PURPLE) 8ml Plain (Gel-YELLOW)  Second method will be provided if Hb Variant detected (MS ISO15189 Requirement)
THR	1839	<b>Thrombophilia Screen</b> Anti Thrombin III Protein C Protein S	2 x 2.7ml Sodium Citrate (BLUE) Double spin, separate plasma and freeze

## CYTOLOGY

Panel Code	Schedule Code	Test	Specimen Requirements
CFB	6340	<b>Cytology Fluid (Cell Block) Analysis</b> - Pleural, Ascitic or Pericardial Fluid	Please provide clinical history. Sample collection to use SurePath vial
CYT	1291	<b>Cytology</b> - CSF, Synovial Fluid or Urine	Please provide clinical history and collection site.
FNA	1299	<b>Fine Needle Aspiration Cytology</b>	Please provide clinical history and collection site. To prepare one air dry and one alcohol fixed smear and the balance sample to be collected using SurePath vial. Cell block preparation is needed for ancillary test which may be required, therefore it is advisable not to prepare more than two slides.
PAP PAQ	1295 6155	<b>PAP Smear</b> PAP Smear - Conventional PAP Smear - Conventional (Urgent)	Please use spatula with cytobrush, label & fix slide.
SPP SPQ HPGS	3378 6156 3621	<b>SurePath</b> Liquid Based Cytology Liquid Based Cytology (Urgent) SurePath plus HPV by PCR	Cervical broom & SurePath vial Cervical broom & SurePath vial Cervical broom & SurePath vial

## HISTOPATHOLOGY

Histo Small Specimen (≤ 3cm)			
\$18	1673	Abscess Wall	Containers with 10% buffered formalin are available from the laboratory on request. Specimen must be accompanied with appropriate and relevant clinical data.  The specimen container must be labelled with patient's identification and the anatomic site of the sample.  For more specific details, please refer to Histology specimen collection requirements
\$18	1673	Adenoids	
\$18	1673	Anal Biopsy	
\$18	1673	Appendix	
\$18	1673	Bartholin Cyst	
\$18	1673	Bladder Biopsy	
\$18	1673	Breast Biopsy	
\$18	1673	Cardiac Valve	
\$18	1673	Carotidectomy	
\$18	1673	Cervical Biopsy	
\$18	1673	Cervical Polyp	
\$18	1673	Colonic Biopsy	
\$18	1673	Cystoscopic Biopsy	
\$18	1673	Endocervical Polyp	
\$18	1673	Endometrial Tissue	
\$18	1673	Fallopian Tubes (tubal ligation)	
\$18	1673	Fimbrial Cysts	
\$18	1673	Fistula-in-ano	
\$18	1673	Ganglion Cyst	
\$18	1673	Haemorrhoid	
\$18	1673	Hernial Sac	
\$18	1673	Lipoma (less than 3 cm)	
\$18	1673	Lung Biopsy	
\$18	1673	Mole	
\$18	1673	Nasal Biopsy	
\$18	1673	Nasal Polyp	
\$18	1673	Oesophagus Biopsy	
\$18	1673	Oesophagogastroduodenoscopy (OGDS) Specimen	

Panel Code	Schedule Code	Test	Specimen Requirements
\$18	1673	Ovary (Single) / Biopsy	
\$18	1673	Pancreas Biopsy	
\$18	1673	Peripheral Nervous System (PNS) Biopsy	
\$18	1673	Products Of Conception (POC)	
\$18	1673	Polyp Biopsy	
\$18	1673	Prostate Biopsies (Needle or TRUS-Guided)	
\$18	1673	Punch Biopsy	
\$18	1673	Rectal Biopsy	
\$18	1673	Sebaceous Cyst	
\$18	1673	Scrotal Polyp	
\$18	1673	Scalp Tissue	
\$18	1673	Skin Biopsy (without tumour excision for margins)	
\$18	1673	Temporal Artery Biopsy	
\$18	1673	Tonsil (Single)	
\$18	1673	Tongue Biopsy	
\$18	1673	Tru Cut Biopsy	
\$18	1673	Vas Deferens (vasectomy)	
\$18	1673	Viral Wart Biopsy	
\$18	1673	Vocal Cord Biopsy	
		<p><b>NOTE:</b> If there are additional biopsies / specimens from different sites an additional charge of RM350.00 will be imposed for each additional specimen.</p> <p>Example:</p> <p>1) Cervical biopsies and GI tract biopsies from 2 or more sites and sent in separate containers will be charged as follows: RM350.00 for first specimen + RM350.00 for each subsequent specimen.</p> <p>2) Both ovaries: RM350.00 + RM350.00 = RM700.00</p> <p>3) Both tonsils / adenoids: RM350.00 + RM350.00 = RM700.00</p>	
\$8U	6350	<b>Urgent Histo Small Specimen</b>	
		<b>Histo Medium Specimen( &gt; 3cm- ≤ 6cm)</b>	
\$12	1511	Bone Curetting	Containers with 10% buffered formalin are available from the laboratory on request. Specimen must be accompanied with appropriate and relevant clinical data.
\$12	1511	Breast Lump	
\$12	1511	Carbuncle	
\$12	1511	Dermoid Cyst	
\$12	1511	Ear Lesion	
\$12	1511	Endometrial Tissue	
\$12	1511	Finger Lesion	
\$12	1511	Fibroid	
\$12	1511	Fistula	
\$12	1511	Gall Bladder	
\$12	1511	Haemorrhoid	
\$12	1511	Lip Excision	
\$12	1511	Lipoma	
\$LBX	6613	Liver Biopsy with special stains	
\$12	1511	Loop Cervix Biopsy	The specimen container must be labelled with patients identification and the anatomic site of the sample.
\$12	1511	Lung (Video-assisted thoracic surgery, VATS biopsy)	
\$12	1511	Lymph Node	
\$12	1511	Multiple Biopsies (3 or more)	
\$12	1511	Molar Pregnancy	
			For more specific details, please refer to Histology specimen collection requirements

Panel Code	Schedule Code	Test	Specimen Requirements
\$12	1511	Myomectomy	
\$12	1511	Nose	
\$12	1511	Omentum	
\$12	1511	Oophorectomy	
\$12	1511	Orbit Lesion	
\$12	1511	Orchidectomy (non tumour)	
\$12	1511	Ovarian Cyst	
\$12	1511	Parotid Tissue	
\$12	1511	Products Of Conception (POC)	
\$12	1511	Piles	
\$12	1511	Placenta	
\$12	1511	Prostrate Chips via Transurethral Resection of Prostate (TURP)	
\$12	1511	Salivary Gland	
\$12	1511	Sebaceous Cyst	
\$12	1511	Skin Biopsy (tumour excision for margins and inflammatory dermatosis)	
\$12	1511	Short Segment of Colon (uncomplicated / stoma excision)	
\$12	1511	Sinus	
\$12	1511	Toe Lesion	
\$12	1511	Tonsils (Both) with/out adenoids	
\$12	1511	Uterus (without tubes and ovaries)	
		<b>Histo Large Specimen (≥ 6cm)</b>	
\$19	1676	Bladder	Containers with 10% buffered formalin are available from the laboratory on request. Specimen must be accompanied with appropriate and relevant clinical data.
\$19	1676	Breast Wide Local Excision (WLE)	
\$19	1676	Breast (Mastectomy)	The specimen container must be labelled with patients identification and the anatomic site of the sample.
\$19	1676	Carbuncle	
\$19	1676	Caecum	For more specific details, please refer to Histology specimen collection requirements
\$19	1676	Cervical Cone Biopsy	
\$19	1676	Colectomy	
\$19	1676	Colon	
\$19	1676	Cystectomy	
\$19	1676	Gastrectomy	
\$19	1676	Eyeball Excision	
\$19	1676	Foot Amputation	
\$19	1676	Intestine (Large / small intestine)	
\$19	1676	Kidney (Unilateral)	
\$19	1676	Lipoma	
\$19	1676	Liver (Lobectomy)	
\$19	1676	Lung (Lobectomy)	
\$19	1676	Mastectomy	
\$19	1676	Orchidectomy (Tumour)	
\$19	1676	Ovarian Cyst (Large)	
\$19	1676	Oesophaectomy	
\$19	1676	Penectomy	
\$19	1676	Prostatic Chips	
\$19	1676	Rectum	
\$19	1676	Salivary Gland	
\$19	1676	Sigmoid	
\$19	1676	Soft Tissue Tumour	
\$19	1676	Splenectomy	
\$19	1676	Total Abdominal Hysterectomy and Bilateral Salpingo-Oophorectomy (TAHBSO)	
\$19	1676	Total thyroidectomy	
\$19	1676	Uterus (with tubes and ovaries)	



Panel Code	Schedule Code	Test	Specimen Requirements
		<b>Notes:</b> Example: 1) Wertheim's hysterectomy with pelvic nodes examination: Uterus (RM910.00) & pelvic nodes (RM350.00) per site = RM1,260.00 2) TAHBSO with examination of entire cervix in cases of cervical dysplasia: TAHBSO (RM910.00) & entire cervix (RM910.00) = RM1,820.00	
HI	6848	<b>Large Complex Specimen</b> AP resection	Containers with 10% buffered formalin are available from the laboratory on request. Specimen must be accompanied with appropriate and relevant clinical data. The specimen container must be labelled with patients identification and the anatomic site of the sample. For more specific details, please refer to Histology specimen collection requirements
HI	6848	Left Hemicolectomy	
HI	6848	Mastectomy with Level 1a / Clearance	
HI	6848	Nephrectomy(malignant)	
HI	6848	Pneumonectomy(malignant)	
HI	6848	Prostatectomy (malignant)	
HI	6848	Laryngectomy	
HI	6848	Neck dissection	
HI	6848	Right hemicolectomy	
HI	6848	Vulvectomy with Lymphadenopathy	
HI	6849	<b>Large Complex Radical Specimen</b> AP resection (complex)	Containers with 10% buffered formalin are available from the laboratory on request. Specimen must be accompanied with appropriate and relevant clinical data. The specimen container must be labelled with patients identification and the anatomic site of the sample. For more specific details, please refer to Histology specimen collection requirements
HI	6849	Extended left Hemicolectomy	
HI	6849	Extended right Hemicolectomy	
HI	6849	Mastectomy with multiple level Clearance	
HI	6849	Pneumonectomy(complex)	
HI	6849	Prostatectomy (complex)	
HI	6849	Radical Laryngectomy (complex)	
HI	6849	Radical Neck dissection ( complex)	
HI	6849	Radical Nephrectomy(complex)	
HI	6849	Vulvectomy with Lymphadenopathy (complex)	
HI	6849	Whipple's dissection	
\$HA	3275	<b>Immunohistochemistry</b> Breast Marker - Estrogen & Progesterone Receptor	Tissue tumour markers. Please contact laboratory for further details.
\$HO	3274	Breast Marker - Estrogen Receptor (ER) & Progesterone Receptors (PR) and C-erB2	
\$H9	3273	Breast Panel (ER, PR, C-erB2 and P53)	
\$HD	6688	Single Tumour Marker	
\$H4	3268	Other Panel Markers	
\$H1	3265	Lymphoma Panel	
\$H2	3266	Each additional lymphoma marker	
\$HD	3632	EBER(ISH)	
FIS	3094	FISH - HER-2/neu	
RBX	2310	<b>Renal Biopsy</b>	Fresh tissue. Contact laboratory for further details & specific appointment.
AC		<b>Second opinion</b>	Please contact lab for further details.
		<b>Special stains</b>	Please contact lab for further details.
I\$0	4196	<b>Request for slides</b>	1 H&E and 6 unstained coated slides

# IMMUNOLOGY

Panel Code	Schedule Code	Test	Specimen Requirements
=COELI-AC	6115	<b>Coeliac Disease Screen</b> Deamidated Gliadin IgG (Deamidated Gliadin) Tissue Transglutaminase Antibody IgA Endomysial Antibody IgA	8ml Plain (Gel-YELLOW)
=MMF	7268	<b>Multiple Myeloma Profile</b> Serum Protein Electrophoresis Urine Protein Electrophoresis Immunoglobulins (IgA, IgG and IgM) Free Light Chains (Free Kappa and Lambda)	8ml Plain SST tube & 40ml first-void morning urine
PEP	6811	<b>Protein Electrophoresis (Serum)</b> Total Protein Albumin Globulin Albumin/Globulin ratio Alpha-1 & Alpha-2 Beta-1 & Beta-2 Gamma & Paraprotein <b>Includes interpretation of protein electrophoretic pattern.</b> <b>Includes immunofixation study.</b>	8ml Plain (Gel-YELLOW)
UEL	7212	<b>Protein Electrophoresis (Urine)</b>	40 ml first-void morning urine
IMM	6714	<b>Immunoglobulins (IgG, IgM, IgA)</b>	8ml Plain (Gel-YELLOW)



# MICROBIOLOGY & INFECTIOUS DISEASE

Panel Code	Schedule Code	Test	Specimen Requirements
DFS	1339	<b>Dengue Fever Studies - 1</b> FBE Dengue (IgG & IgM)	4ml EDTA (PURPLE) 8ml Plain (Gel-YELLOW)
DAA	4000	<b>Dengue Fever Studies - 2</b> FBE Dengue (IgG & IgM) Dengue NS1	4ml EDTA (PURPLE) 8ml Plain (Gel-YELLOW)
FEB	1136	<b>Febrile Studies</b> FBE Malarial Parasites Urine FEME WWF (Widal and Weil Felix) Monospot	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 50ml Mid Stream Urine
FDF	2526	<b>Febrile Studies &amp; Dengue</b> FBE Malarial Parasites Urine FEME WWF (Widal and Weil Felix) Monospot Dengue (IgG and IgM)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 50ml Mid Stream Urine
HHH	1787	<b>Hepatitis/HIV Screen</b> HBsAg & HBsAb HIV I & II (Ag/Ab) Hepatitis C Antibody	8ml Plain (Gel-YELLOW)
=P.RH- HH	Q1073	<b>RPR/Hepatitis/HIV Screen</b> HBsAg & HBsAb HIV I & II (Ag/Ab) Hepatitis C Antibody RPR (with titre & TPPA if reactive)	8ml Plain (Gel-YELLOW)
=NAT3H	5958	<b>NAT/Hepatitis/HIV Screen</b> HBsAg & HBsAb HIV I & II (Ag/Ab) Hepatitis C Antibody Nucleic Acid Test (NAT)	8ml Plain (Gel-YELLOW) & 2 x 4ml EDTA (PURPLE)
HPR	1344	<b>Hepatitis B Activity</b> Bilirubin - Total & Direct LFT HBsAg	8ml Plain (Gel-YELLOW)
HCA	1347	<b>Hepatitis B Carrier Status</b> HBsAg HBeAg & HBeAb ALT	8ml Plain (Gel-YELLOW)
HFU	1349	<b>Hepatitis B Follow-up Studies</b> ALT AFP HBsAg & HBsAb HBeAg & HBeAb	8ml Plain (Gel-YELLOW)
HB3	1177	<b>Hepatitis B Screen</b> HBsAg & HBsAb	8ml Plain (Gel-YELLOW)

Panel Code	Schedule Code	Test	Specimen Requirements
HBD	1348	<b>Hepatitis Diagnostic Studies</b> ALP AST ALT Bilirubin - Total HAV IgM HBsAg HBc IgM (if HBsAg is positive) Hep C Antibody	8ml Plain (Gel-YELLOW)
=H.B PCQ	6881	<b>Hepatitis B &amp; C Quantitative Detection</b> Quantitative detection of HBV DNA Quantitative detection of HCV RNA	2x 4ml EDTA (PURPLE)
HB4	1762	<b>Hepatitis Pre-Immunization Studies</b> HBsAg & HBsAb HAV IgG	8ml Plain (Gel-YELLOW)
R26	6084	<b>Respiratory Viral Studies 26</b> Influenza: A Virus, B Virus, & A(H1N1) Virus (Swine-Lineage) Human Respiratory Syncytial Viruses A & B Human Flu A-H1 & Flu A-H3 Human Parainfluenza Virus 1 - 4 Human Coronavirus NL63, 229E & 0C43 Human Metapneumovirus Human Adenovirus, Enterovirus, Rhinovirus & Bocavirus Chlamydophila & Streptococcus Pneumoniae Legionella Pneumophila Mycoplasma Pneumoniae Haemophilus influenzae Bordetella parapertussis	Sputum OR Nasopharyngeal swab OR Bronchial lavage OR Bronchial aspirate
=STDx1	2183	<b>STD Profile 1</b> RPR (with titre and TPPA if reactive) HIV I & II (Ag/Ab) Herpes Simplex 1 & 2 IgG Chlamydia IgG	8ml Plain (Gel-YELLOW)
=STDx2	1126	<b>STD Profile 2</b> RPR (with titre and TPPA if reactive) Herpes Simplex 1 & 2 IgG Chlamydia IgG	8ml Plain (Gel-YELLOW)
=STDx3	4628	<b>STD Profile 3</b> RPR (with titre and TPPA if reactive) HIV I & II (Ag/Ab) Herpes Simplex 1 & 2 IgG Chlamydia PCR Gonococcal PCR	8ml Plain (Gel-YELLOW) First void urine / DRY SWAB (genital / eye)
=STDx4	Q1084	<b>STD Profile 4</b> RPR (with titre and TPPA if reactive) HIV I & II (Ag/Ab) Herpes Simplex 1 & 2 IgG Chlamydia IgG HBsAg & HBsAb	8ml Plain (Gel-YELLOW)

Panel Code	Schedule Code	Test	Specimen Requirements
ST7	4780	<b>ST7 Profile</b> Chlamydia trachomatis Neisseria gonorrhoea Mycoplasma genitalium Ureaplasma urealyticum Ureaplasma parvum Trichomonas vaginalis Mycoplasma hominis	First void urine / dry swab (genital / eye) / Surepath or Thinprep vial
=P.STD4	Q1086	<b>ST7 Plus Profile</b> Chlamydia trachomatis Neisseria gonorrhoea Mycoplasma genitalium Ureaplasma urealyticum Ureaplasma parvum Trichomonas vaginalis Mycoplasma hominis Herpes Simplex 1 & 2 IgG HIV I & II (Ag/Ab) RPR (with titre & TPPA if reactive)	First void urine / Dry Swab (genital / eye) / Surepath or Thinprep vial 8ml Plain (Gel-YELLOW)
TOG	1817	<b>TORCH Screen</b> Toxoplasma IgG Rubella IgG CMV IgG Herpes Simplex 1 & 2 IgG	8ml Plain (Gel-YELLOW)
TOM	1816	<b>TORCH Diagnostic Profile</b> Toxoplasma IgM Rubella IgM CMV IgM Herpes Simplex 1 & 2 IgM	8ml Plain (Gel-YELLOW)

# NEPHROLOGY

Panel Code	Schedule Code	Test	Specimen Requirements
RFT	1691	<b>Renal Function Test</b> Electrolytes Urea Creatinine Uric Acid	8ml Plain (Gel-YELLOW)
REN	1573	<b>Renal Profile</b> Electrolytes Urea Creatinine Uric Acid Calcium Phosphate Albumin	8ml Plain (Gel-YELLOW)
RFU	1361	<b>Renal Follow Up</b> Urea Creatinine Uric Acid Calcium Phosphate Albumin Total Protein Creatinine Clearance Urine Protein Urine Calcium Urine Phosphate	8ml Plain (Gel-YELLOW) 24 hr urine (no preservative)

# OBSTETRICS & GYNAECOLOGY

Panel Code	Schedule Code	Test	Specimen Requirements
ANS	1102	<b>Antenatal Screen 1</b> ABO & Rh (D) FBC HBsAg & HBsAb HIV I & II (Ag/Ab) RPR (with titre and TPPA if reactive) Rubella IgG	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
ANR	1405	<b>Antenatal Screen 2</b> ABO & Rh (D) FBC HBsAg & HBsAb RPR (with titre and TPPA if reactive) Rubella IgG	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
ANP	1404	<b>Antenatal Screen 3</b> FBC HBsAg & HBsAb RPR (with titre and TPPA if reactive)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
ANQ	1132	<b>Antenatal Screen 4</b> ABO & Rh (D) FBC HBsAg & HBsAb HIV I & II (Ag/Ab) RPR (with titre and TPPA if reactive)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
ANU	1131	<b>Antenatal Screen 5</b> ABO & Rh (D) FBC RPR (with titre and TPPA if reactive)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
ANN	1968	<b>Antenatal Screen 6</b> ABO & Rh (D) FBC HBsAg & HBsAb RPR (with titre and TPPA if reactive)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
=P. ANTFTS	Q1141	<b>Antenatal and First Trimester Screening</b> ABO & Rh (D) FBC HBsAg & HBsAb HIV I & II (Ag/Ab) RPR (with titre and TPPA if reactive) Rubella IgG Free Beta HCG PAPPA	4ml EDTA (PURPLE) 8ml Plain (Gel-YELLOW) - Maternal blood. (11 weeks - 13 weeks) Need NT & CRL measurement. Please provide name of registered diagnostic medical sonographer.
ATH	1330	<b>Antenatal/Thalassaemia Screen</b> ABO & Rh (D) Antibody Screen Hb HBsAg Rubella IgG RPR (with titre and TPPA if reactive) Hb Analysis	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)



Panel Code	Schedule Code	Test	Specimen Requirements
DWN	1666	<b>Down Syndrome &amp; NTD (Double Test)</b> AFP Beta HCG (Risk factor - Neural tube defect - Down Synd.)	8ml Plain (Gel-YELLOW). Measure at 14 -19 weeks gestation. ALL relevant details - Maternal weight in kg, Maternal DOD, LMP, gestation determination MUST be on the form. Accurate gestation (preferably by ultrasound) is essential for correct risk assessment
FTT	5145	<b>First Trimester Test (Down Syndrome)</b> Free Beta HCG PAPP A	8ml Plain (Gel-YELLOW) - Maternal blood. 11 weeks - 13 weeks. Need NT & CRL measurement. Please provide name of registered diagnostic medical sonographer
=NEO	1329	<b>Neonate Blood Screen</b> ABO & Rh (D) TSH G6PD	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
NIC	7422	<b>NICC Lite</b> - T21, T18, T13, T9, T16 & T22 - Sex chromosomes aneuploidies (XO, XXY, XXX & XYY) - Gender	1x 10ml Streck tube. Immediately invert tube 10 times each. Sample MUST be shipped in Room Temperature. (24°C - 30°C) Please call for collection kit. Store kits and contents at room temperature. Do not freeze or refrigerate.
NCP	7423	<b>NICC Premium</b> - T21, T18, T13, T9, T16 & T22 - Sex chromosomes aneuploidies (XO, XXY, XXX & XYY) - <u>8 microdeletions</u> - Gender	
NFE	7424	<b>NICC Extended</b> - T21, T18, T13, T9, T16 & T22 - Sex chromosomes aneuploidies (XO, XXY, XXX & XYY) - <u>84 microdeletions / microduplications</u> - Gender	
PAB	5877	<b>Panorama Prenatal NIPT Test</b> T21, T18, T13 with fetal sex and fetal fraction reporting.	2x 10ml Streck tube. Immediately invert tube 10 times each.
PA1	5878	<b>Panorama Prenatal NIPT Test + 1 Microdeletion</b> DiGeorge	Please call for collection kit. Store kits and contents at room temperature. Do not freeze or refrigerate.
PA5	5879	<b>Panorama Prenatal NIPT Test + 5 Microdeletions</b> DiGeorge, Prader-Willi, Angelman, Cri-du-Chat, 1p36 Deletion Syndrome	



Panel Code	Schedule Code	Test	Specimen Requirements
=P.PCO	Q1151	<b>Polycystic Ovary Profile</b> E2 (Oestradiol) FSH LH Progesterone Prolactin Testosterone SHBG (Sex Hormone Binding Globulin) Free Androgen Index TSH FT4 HbA1c (Glycosylated Hb) Serum Insulin	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE) 2ml Fluoride Oxalate (GREY)
=P. QRMC	Q1383	<b>Recurrent miscarriage</b> Lupus Anticoagulant - APTT, dRVVT Cardiolipin Ab Anti Thrombin III Protein C Protein S	8ml Plain (Gel-YELLOW) 2 x 2.7ml Sodium Citrate (BLUE). Double spin, separate plasma and freeze.
HPGS	3621	<b>SurePath plus HPV by PCR</b>	Please use cervical broom and SurePath vial

# ONCOLOGY

Panel Code	Schedule Code	Test	Specimen Requirements
AFP	1139	<b>Tumour Markers</b> AFP	8ml Plain (Gel-YELLOW)
BMG	1015	Beta-2-Microglobulin	8ml Plain (Gel-YELLOW)
CEA	1150	Carcinoembryonic Antigen (CEA)	8ml Plain (Gel-YELLOW)
CA1	1146	CA 125	8ml Plain (Gel-YELLOW)
CA5	1148	CA 15-3	8ml Plain (Gel-YELLOW)
CA7	6165	CA 72-4	8ml Plain (Gel-YELLOW)
CA9	1147	CA 19-9	8ml Plain (Gel-YELLOW)
QUA	1689	HCG (Quantitative)	8ml Plain (Gel-YELLOW)
VCA	1603	NPC Screen (EBV VCA IgA)	8ml Plain (Gel-YELLOW)
PSA	1199	PSA (Total)	8ml Plain (Gel-YELLOW)
FCM	1769	<b>Cancer Markers (Female)</b> AFP CA 15-3 CA 19-9 CA 125 CEA HCG (Quantitative)	8ml Plain (Gel-YELLOW)
MCM	1790	<b>Cancer Markers (Male)</b> AFP CA 19-9 CEA PSA (Total) HCG (Quantitative)	8ml Plain (Gel-YELLOW)
LCM	5883	<b>Lung Cancer Markers 1</b> ProGRP NSE Cyfra 21-1 CEA	8ml Plain (Gel-YELLOW)
QCM	5891	<b>Lung Cancer Markers 2</b> ProGRP NSE Cyfra 21-1 CEA SCC	8ml Plain (Gel-YELLOW)
NCM	5933	<b>Lung Cancer Markers 3</b> ProGRP NSE Cyfra 21-1 SCC	8ml Plain (Gel-YELLOW)

# RHEUMATOLOGY

Panel Code	Schedule Code	Test	Specimen Requirements
=ART	1333	<b>Arthritis Profile</b> WCC & Diff ESR Rheumatoid Factor Uric Acid RPR (with titre and TPPA if reactive) Anti-Nuclear Factor (Titre & Pattern) Antistreptolysin O Titre (ASOT)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
=ARTH1	3801	<b>Arthritis Profile 1</b> FBC ESR CRP (hsCRP) Rheumatoid Factor Anti-CCP IgG Anti-Nuclear Factor (Titre & Pattern)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
=ARTH2	3809	<b>Arthritis Profile 2</b> FBC ESR CRP (hsCRP) Rheumatoid Factor Uric Acid Anti-Nuclear Factor (Titre & Pattern) Antistreptolysin O Titre (ASOT)	8ml Plain (Gel-YELLOW) 4ml EDTA (PURPLE)
=V1	1656	<b>Lupus Serology</b> Rheumatoid Factor Anti-Nuclear Factor (Pattern & Titre) C3 & C4 dsDNA	8ml Plain (Gel-YELLOW)
=V2	1657	<b>Lupus Full Assessment</b> FBC Reticulocyte count Direct Coombs test Albumin Creatinine Creatine Kinase Anti-Nuclear Factor (Titre & Pattern) C3 & C4 dsDNA Urine FEME	4ml EDTA (PURPLE) 8ml Plain (Gel-YELLOW) 50ml Mid Stream Urine
=V3	1658	<b>Lupus Follow Up</b> FBC Albumin Creatinine C3 & C4 dsDNA Urine FEME	4ml EDTA (PURPLE) 8ml Plain (Gel-YELLOW) 50ml Mid Stream Urine
LAS	1098	<b>Lupus Anticoagulant</b> APTT & dRVVT	2 x 2.7ml Sodium Citrate (BLUE) Double spin, separate plasma and freeze

Panel Code	Schedule Code	Test	Specimen Requirements
ENA	1567	<b>Extractable Nuclear Antigen</b> Includes antibody to RNP Sm SS-A (Ro) SS-B (La) Scl-70 Jo 1	8ml Plain (Gel-YELLOW)

## SWAB (BACTERIOLOGY & MYCOLOGY)

**Note: For all bacteriology and mycology samples, smear or swab are to be collected in transport medium.**

**Fresh sample is essential.**

**Please provide collection site, clinical history, antibiotic and ward.**

Panel Code	Schedule Code	Test	Specimen Requirements
WS WSC	1226 1222	<b>Abscess Swab</b> FEME (Gram stain) FEME, Culture & Sensitivity	Smear or swab collected into transport medium Please provide collection site, clinical history, antibiotic & ward
RS RSC	1226 1222	<b>Ear Swab</b> FEME (Gram stain) FEME, Culture & Sensitivity	Smear / Swab collected into transport medium. Smear / Swab collected into transport medium.
RS RSC	1226 1222	<b>Eye Swab</b> FEME (Gram stain) FEME, Culture & Sensitivity	Smear / Swab collected into transport medium. Swab collected into transport medium.
MF FUN	1226 1225	<b>Fungal Examination</b> Fungal Microscopy (KOH) Fungal Microscopy (KOH) & Culture	Skin scrapings, Hair, Nail clippings. Skin scrapings, Hair, Nail clippings.
GS  GSC	1226  1222	<b>Genital Swab (Urethral / Vaginal Swab / Expressed Prostatic Secretions / Cervix)</b> FEME includes wet film for Monilia & Trichomonas and A gram stain (including Gonococci) FEME, Culture & Sensitivity for aerobic & anaerobic organisms (including Gonococci)	Swab collected into transport medium  Swab collected into transport medium Do NOT refrigerate.
RSC	1222	<b>Mouth Swab Culture &amp; sensitivity</b>	Swab collected into transport medium.
MRS	1041	<b>MRSA Carrier Screen</b>	Nose, groin & axilla swabs collected into transport medium.
MRX	5301	<b>MRSA Screen - Single</b>	Swab collected into transport medium
RSC	1222	<b>Nose Swab (Nasal) Culture &amp; Sensitivity</b>	Swab collected into transport medium.
WS WSC	1226 1222	<b>Skin Swab</b> FEME (Gram stain) FEME, Culture & Sensitivity for aerobic & anaerobic organisms	Swab collected into transport medium.
ZN AFB	1220 1221	<b>Sputum:</b> <b>AFB (ZN) Smear only</b> <b>AFB Smear &amp; Culture for TB</b> (Identification and Sensitivity included if culture is Positive)	Sputum : Deep coughed, early morning sample OR Urine & other fluids : Early morning samples Recommended on three 3 consecutive days
CID	1649	<b>Mycobacterium culture identification only</b>	Positive AFB culture isolate
SEN	1650	<b>Mycobacterium sensitivity only (first line drugs)</b> -Streptomycin, Ethambutol, Rifampicin, Isoniazid	Positive AFB culture isolate
RS RSC CYT	1226 1222 1291	<b>FEME (Gram stain)</b> <b>Sputum Microscopy, Culture &amp; Sensitivity</b> <b>Sputum (cytology)</b>	Specimen in sterile container. Please provide clinical history. Recommended on three consecutive days
WS WSC	1226 1222	<b>Wound Swab</b> FEME (Gram stain) FEME, Culture & Sensitivity for aerobic & anaerobic organisms	Swab collected into transport medium.

# TOXICOLOGY

Panel Code	Schedule Code	Test	Specimen Requirements
HMS	1376	<b>Heavy Metal Screen - Blood</b> Cadmium (Cd) Chromium (Cr) Lead (Pb) Arsenic (As) Mercury (Hg)	4 x 6ml K2EDTA (ROYAL BLUE) Sample to be collected at end of week, end of shift
SAM BAR BEN CAN COC UAH OPI MAC PRO KET	1284 1285 1286 1287 1288 6679 1289 1290 2679 5036	<b>Drug of Abuse (Screen)</b> Amphetamines Type Substances Barbiturates Benzodiazepines Cannabinoids Cocaine Ethanol (EtOH) Opiates Opiates and Cannabinoids Propoxyphene Ketamine	50ml Random Urine
DRC	4140	<b>Drug Confirmation (GCMS performed in Australia)</b>	50ml Random Urine. Please consult Referral Department for more info.
P.DRUG 11	Q1299	<b>P.DRUG11 Profile</b> Amphetamines Barbiturates Benzodiazepines Cannabinoids Cocaine Methadone Opiates Oxycodone Phencyclidine Propoxyphene	50ml Random Urine





Panel Code	Schedule Code	Test	Specimen Requirements
ALL	3092	Ikan Bilis	8ml Plain (Gel-YELLOW).
ALL	3092	Chicken	
ALL	3092	Dog Dander	
ALL	3092	Cat Dander	
ALL	3092	Cockroach (German)	
ALL	3092	Derm. pteronyssinus	
ALL	3092	Derm. farinae	
ALL	3092	Blomia tropicalis	
ALL	3092	Dust - Greer	
ALL	3092	Clam	
ALL	3092	Shrimp	
ALL	3092	Beef	
ALL	3092	Tuna	
ALL	3092	Latex	
ALL	3092	Bermuda Grass	
ALL	3092	Johnson Grass	
ALL	3092	Bahia Grass	
ALL	3092	Aspergillus fumigatus	
ALL	3092	Alternaria alternata	
AAG	3263	<b>Alpha 1 Acid Glycoprotein</b>	8ml Plain (Gel-YELLOW). Fasting required for 12 hours.
AAT	1008	<b>Alpha 1 Antitrypsin</b>	8ml Plain (Gel-YELLOW)
REF		<b>Alpha amino adipic semialdehyde</b>	30 ml of spot urine - freeze
REF		<b>Alpha Subunit</b>	8ml Plain (Gel-YELLOW) - freeze serum
ALT	1571	<b>ALT (Alanine Aminotransferase) (SGPT)</b>	8ml Plain (Gel-YELLOW)
ALU	1009	<b>Aluminium</b>	6ml K2 EDTA (ROYAL BLUE)
AMK	5162	<b>Amikacin</b>	8ml Plain (Gel-YELLOW) State dose and time collected.
AAC	1065	<b>Amino Acid Chromatography</b> Plasma	6ml Lithium Heparin (GREEN) - freeze plasma. Clinical & drug history is essential. 50ml Random Urine, freeze. Clinical & drug history is essential.
AAC	1065	Urine	
THE	1280	<b>Aminophylline (Theophylline)</b>	8ml Plain (Gel-YELLOW)
AMI	1366	<b>Amiodarone (Cordarone X)</b>	8ml Plain (Gel-YELLOW)
TRP	5205	<b>Amitriptyline (Tryptanol)</b>	8ml Plain (Gel-YELLOW)
NH3	1530	<b>Ammonia</b>	6ml Lithium Heparin (GREEN) - freeze plasma within 1 hour of collection
DRC	4140	<b>Amphetamines Confirmation</b>	50ml Random Urine
SAM	1284	<b>Amphetamines Type Substances (Screen)</b>	50ml Random Urine
AMY	1003	<b>Amylase</b> Serum	8ml Plain (Gel-YELLOW) 24 hr urine collection (no preservative) or 50ml Random Urine
UAM	1066	Urine	
REF		<b>Amylase Isoenzyme</b>	8ml Plain (Gel-YELLOW) - freeze serum
ANC	1538	<b>ANCA (Anti-neutrophil cytoplasmic Ab)</b> C - A.N.C.A. P - A.N.C.A.	8ml Plain (Gel-YELLOW)
AND	1391	<b>Androstenedione</b>	8ml Plain (Gel-YELLOW). Spin and freeze serum.
ANF	1141	<b>Anti Nuclear Antibodies (ANA)</b>	8ml Plain (Gel-YELLOW)

Panel Code	Schedule Code	Test	Specimen Requirements
ACE	1011	Angiotensin Converting Enzyme	8ml Plain (Gel-YELLOW)
AGP	1002 3486	Anion Gap (AGAP) Calculation inclusive of electrolytes & bicarbonate	8ml Plain (Gel-YELLOW)
ABA	1919	Anti-Basement Membrane Antibody (Pemphigoid Antibody)	8ml Plain (Gel-YELLOW)
VSP	4158	Anti-Diuretic Hormone (ADH)	2 x 4ml EDTA (PURPLE) -freeze plasma
DNB	5163	Anti-DNAse B	8ml Plain (Gel-YELLOW)
AEA	1393	Anti-Endomysial Antibodies	8ml Plain (Gel-YELLOW)
GQB	5269	Anti-GQ1b ganglioside antibody	8ml Plain (Gel-YELLOW) - freeze serum
AGB	1746	Anti Glomerular Basement Membrane	8ml Plain (Gel-YELLOW)
AIA	2122	Anti-Intercellular Antibodies (AIA) - Pemphigus Antibody	8ml Plain (Gel-YELLOW) - freeze serum
AMH	4178	Anti-Mullerian Hormone	8ml Plain (Gel-YELLOW).
ATM	4130	Anti-Muscle-specific kinase (anti-MuSK) antibodies	8ml Plain (Gel-YELLOW)
REF		Anti-Saccharomyces cerevisiae antibodies	8ml Plain (Gel-YELLOW) - freeze serum
SPR	5201	Anti-Sperm Antibodies	8ml Plain (Gel-YELLOW) - freeze serum
SMA	1732	Anti-Striated Muscle Antibodies	8ml Plain (Gel-YELLOW)
AT3	1812	Anti-Thrombin III	2.7ml Sodium Citrate (BLUE). Double spin, freeze plasma.
MA	1651	Anti-Thyroid Peroxidase	8ml Plain (Gel-YELLOW)
REF		Anti-Xa level	2.7 ml sodium citrate (BLUE) - freeze plasma
IDE	3774	Antibody Identification	2 x 4ml EDTA (PURPLE)
BAB	1104	Antibody Screen	2 x 4ml EDTA (PURPLE)
BGA	1100	Antibody Screen, Blood Group & Rh (D)	2 x 4ml EDTA (PURPLE)
REF		Antimony	6ml K2 EDTA (ROYAL BLUE) or 30 ml spot urine
APA	1012	Apolipoprotein A	8ml Plain (Gel-YELLOW)
APB	1012	Apolipoprotein B	8ml Plain (Gel-YELLOW)
REF		Apolipoprotein E Genotyping	4 ml EDTA (PURPLE) - do NOT spin
PTT	1091	Activated Partial Thromboplastin Time	2.7ml Sodium Citrate (BLUE)
AQP	4131	Aquaporin 4 (Neuromyelitis Optica Ab)	8ml Plain (Gel-YELLOW) - serum to keep cool
ARS	1013	Arsenic Blood	6ml K2EDTA (ROYAL BLUE)
ARU	1071	Urine	50ml Random Urine - to be collected at end of shift
REF		Aryl Sulphatase Enzyme (A)	2 x 4ml EDTA (PURPLE) - whole blood
BTT	4133	Asialotransferrin (Beta 2 Transferrin)	Fluid from Nose/Ear (freeze)
ASO	1143	ASOT (Anti Streptolysin Titre)	8ml Plain (Gel-YELLOW)
ASP	5165	Aspergillus antibody (Precipitins)	8ml Plain (Gel-YELLOW)
GMA	6048	Aspergillus Galactomannan Antigen	8ml Plain (Gel-YELLOW)
AST	6625	Aspartate Aminotransferase (AST)	8ml Plain (Gel-YELLOW)
NOT	5194	Aventyl / Allegron (Nortriptyline)	8ml Plain (Gel-YELLOW). Sample time: Pre-dose
REF		Avian Precipitins	8ml Plain (Gel-YELLOW)



Panel Code	Schedule Code	Test	Specimen Requirements
BAR	1285	Barbiturates (Screen)	50ml Random Urine
ABA	1919	Basement Membrane Antibody	8ml Plain (Gel-YELLOW)
ABL	5259	BCR - ABL1 PCR	2 x 4ml EDTA (PURPLE)
UBE	1654	Benzene (Phenols)	50ml Random Urine
REF		<b>Benzodiazepine</b> Serum (Specific benzodiazepine) each - Alprazolam, Diazepam, Temazepam, Lorazepam, Oxazepam	8ml Plain (Gel-YELLOW) per specific benzodiazepine.
BEN	1286	Benzodiazepine (screen)	50ml Random Urine
BTG	4134	Beta-2-Glycoprotein	8ml Plain (Gel-YELLOW)
BMG	1015	Beta-2-Microglobulin	8ml Plain (Gel-YELLOW) or 50ml Random Urine
BEC	5166	Beta-carotene	6ml Lithium Heparin (GREEN) Wrap in foil to protect from light. Do not spin.
BXL	3143	Beta Cross Laps	8ml Plain (Gel-YELLOW). Serum frozen.
CO2	2055	Bicarbonate	8ml Plain (Gel-YELLOW) Primary tube, do not remove cap & do not split
BLA	5270	Bile Salt / Acid	8ml Plain (Gel-YELLOW) - freeze serum
BZS BIH	1747 1904	<b>Bilharzia (Schistosomiasis)</b> Serology FEME only	8ml Plain (Gel-YELLOW) Urine or faeces
BIL DBI DBI NBI UCH	1002 1116 1116 1006 1451	<b>Bilirubin</b> Adult (Total) Adult Conjugated (Direct / Indirect / Total) Neonatal / Paediatric (Total & direct) Neonatal / Paediatric (Total only) Urine	8ml Plain (Gel-YELLOW), (included in LFT) 8ml Plain (Gel-YELLOW) Microtainer - Heel prick (wrap in foil) Mini-plain tube or 2 x capillary tubes. (wrap in foil) 50ml Random Urine
REF		<b>Biotinidase Assay</b>	Guthrie Card or 6ml Lithium Heparin (GREEN)
BKV	4135	BK Virus PCR (Quantitative)	2 x 4ml EDTA (PURPLE) whole blood
BCA	1851	Blood Catecholamine	Catecholamine tubes containing EDTA sodium metabisulfite solution.
FFP PLC APP CYO	1107 1108 5315 5316	<b>Blood component</b> Fresh Frozen Plasma (FFP) Platelets Platelet Apheresis Cryoprecipitate	By Agreement Only. 4ml EDTA (PURPLE) In unknown blood group, code for EACH unit is required
BCR	1223	<b>Blood Culture</b> Adult	8-10ml blood, inoculated aseptically into aerobic and / or anaerobic bottles. Call Lab for bottles.  *Please use Myco bottles whenever fungal, yeast and mycobacterium is suspected.
PBC	6073	Paediatric	1-3ml blood, inoculated into peads bottle. Call Lab for bottles.  <b>DO NOT Refrigerate and transport at room temperature</b>  *Please use Myco bottles whenever fungal, yeast and mycobacterium is suspected.

Panel Code	Schedule Code	Test	Specimen Requirements
BF =BF2	1694 2720	<b>Blood Film</b> by Medical Lab Technologist by Consultant Haematologist	Slide (FBC results & clinical history must be attached)
BG	1101	<b>Blood Group</b>	4ml EDTA (PURPLE)
BGH	1100	<b>Blood Group, Antibodies &amp; Hold Plasma for possible XM (KIV)</b>	By Agreement Only 3 x 4ml EDTA (PURPLE). Please indicate date / time of operation
NBP	6381	<b>NT-ProBNP</b>	8ml Plain (Gel-YELLOW)
NBO	6598	<b>NT-ProBNP (POCT)</b>	6ml Lithium Heparin (GREEN) whole blood
BMK	6447	<b>Bone Marrow Karyotyping</b>	3ml BONE MARROW in Sodium Heparin (green)
BOR	1874	<b>Bordetella Pertussis Toxin IgG</b>	8ml Plain (Gel-YELLOW) May need convalescent specimen
LDS	1733	<b>Borrelia Serology (Lyme Disease Serology)</b>	8ml Plain (Gel-YELLOW)
BRF	5258	<b>BRAF PCR Mutation Detection</b>	FFPE block
BRO	1017	<b>Bromide</b>	6ml Lithium Heparin (GREEN) whole blood. POA and please consult Referred Department.
BRU	1145	<b>Brucella Antibodies (IgG &amp; IgM)</b>	8ml Plain (Gel-YELLOW)
REF		<b>Brucella Group Agglutinins</b>	8ml Plain (Gel-YELLOW)
CYB	1680	<b>Buccal smear - nuclear sexing</b>	Please provide clinical history
CTX	4064	<b>C-Telopeptide</b>	4ml Pearl EDTA
CEI	1672	<b>C1 Esterase Inhibitor</b>	8ml Plain (Gel-YELLOW) - freeze serum Please provide the clinical details.
C1Q	5334	<b>C1Q Binding Assay</b>	8ml Plain (Gel-YELLOW)
C3	1154	<b>C3 (Complement 3)</b>	8ml Plain (Gel-YELLOW)
C4	1155	<b>C4 (Complement 4)</b>	8ml Plain (Gel-YELLOW)
CA1	1146	<b>CA 125</b>	8ml Plain (Gel-YELLOW)
CA5	1148	<b>CA 15-3</b>	8ml Plain (Gel-YELLOW)
CA9	1147	<b>CA 19-9</b>	8ml Plain (Gel-YELLOW)
CAD CAU	1019 2442	<b>Cadmium (Cd)</b> Blood Urine	8ml K2 EDTA (ROYAL BLUE) - WHOLE BLOOD 50ml Random Urine to be collected end of the shift
CAE	1021	<b>Caeruloplasmin (Copper Oxide)</b>	8ml Plain (Gel-YELLOW)
CFN	5167	<b>Caffeine - Blood</b>	6- 8ml Lithium Heparin (GREEN) - split plasma
CLT	1149	<b>Calcitonin</b>	8ml Plain (Gel-YELLOW). Separate serum & freeze.
CA UCA	3483 1068	<b>Calcium</b> Serum Urine	8ml Plain (Gel-YELLOW). Collect without use of tourniquet. 24 hr urine collection, aliquot must be acidified before analysis.
CPT	4629	<b>Calprotectin</b>	Fresh faecal specimen
CAN	1287	<b>Cannabinoids</b>	50ml Random Urine
DRC	4140	<b>Cannabinoids Confirmation</b>	50ml Random Urine
TEG	1270	<b>Carbamazepine (Tegretol)</b> Sample Time: Pre-Dose.	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.

Panel Code	Schedule Code	Test	Specimen Requirements
REF		<b>Carbohydrate Deficient Transferrin</b>	8ml Plain (Gel-YELLOW) - freeze serum
HIA	1070	<b>Carcinoid Syndrome (5 HIAA)</b>	24 hr urine collection - collected onto 20ml concentrated HCl
CPI	1151	<b>Cardiolipin Antibody (IgG, IgM)</b>	8ml Plain (Gel-YELLOW)
CNT	5168	<b>Carnitine</b>	6ml Lithium Heparin (GREEN) - freeze plasma
CFA	4116	<b>Cat Scratch Fever Antibodies (Bartonella Hensalae)</b>	8ml Plain (Gel-YELLOW)
CTE	1072	<b>Catecholamines</b>	24 hr urine collection over 20ml HCl. Please provide list of medication that patient is currently taking.
C4C	4150	<b>CD4+ T cells, CD8+ T cells</b>	4ml EDTA (PURPLE). Fresh Specimen - call lab for appointment.
C4F	4151	<b>Full subset: T cells + B cells + Nk cells (CD4, CD8, CD3, CD19 &amp; CD56)</b>	4ml EDTA (PURPLE) Fresh Specimen - call lab for appointment.
CEA	1150	<b>CEA (Carcinoembryonic Embryonic Antigen)</b>	8ml Plain (Gel-YELLOW)
CEP	5169	<b>Cephalexin</b>	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
REF		<b>CH50</b>	8ml Plain (Gel-YELLOW) - freeze serum
VZG	1215	<b>Chicken Pox (Varicella / Herpes Zoster)</b> IgG	8ml Plain (Gel-YELLOW)
VZM	1216	IgM	8ml Plain (Gel-YELLOW)
CKM	3114	<b>Chikungunya IgM / IgG</b>	8ml Plain (Gel-YELLOW)
CHG	1152	<b>Chlamydia Antibodies</b> IgG	8ml Plain (Gel-YELLOW)
CHM	1153	IgM (Psittacosis, Trachomatis, Pneumoniae)	8ml Plain (Gel-YELLOW)
CGT	2423	<b>Chlamydia and Gonococcal PCR</b> Detection of Neisseria gonorrhoeae and Chlamydia trachomatis	First void urine / Dry Swab (genital / eye)
REF		<b>Chlordiazepoxide (Librium)</b>	8ml Plain (Gel-YELLOW). State time/date of last dose & time/date of collection
CL	6628	<b>Chloride</b> Serum	8ml Plain (Gel-YELLOW)
UCL	6636	Urine	24 hr urine collection (no preservative)
CPZ	5207	<b>Chlorpromazine (Largactil)</b>	8ml Plain (Gel-YELLOW)
HDL	1022	<b>Cholesterol (HDL)</b>	8ml Plain (Gel-YELLOW). Fasting required for 12 hours.
CHO	6627	<b>Cholesterol (Total)</b>	8ml Plain (Gel-YELLOW). Fasting required for 12 hours.
CES	1023	<b>Cholinesterase</b> Serum (Marker for acute exposure to organophosphate)	8ml Plain (Gel-YELLOW), Serum (frozen)
CHB	1024	<b>Chromium (Cr)</b> Whole blood	6ml K2EDTA (Royal Blue)
CHU	1368	Urine	50ml spot urine. Taken at the end of working shift.
CGA	3383	<b>Chromogranin A</b>	8ml Plain (Gel-YELLOW)



Panel Code	Schedule Code	Test	Specimen Requirements
CSA	5170	<b>Chromosome Analysis (Trisomy)</b>	20ml Amniotic fluid in sterile container (Falcon tube) or 10ml Sodium Heparin (GREEN) for blood chromosome. Please call Referral Department for appointment. Keep at room temperature.
CIT	5171	<b>Citrate</b>	24 hr urine collection (no preservative)
CK	1027	<b>CK (Creatine kinase) Total</b>	8ml Plain (Gel-YELLOW)
CMB	1028	<b>CK-MB Isoenzyme</b>	8ml Plain (Gel-YELLOW) - upon request only CK will be provided
CBZ	5172	<b>Clobazam (Frisium)</b>	8ml Plain (Gel-YELLOW)
CDT	1623	<b>Clostridium difficile toxin</b>	Fresh fecal specimen, transported at 2-8 degree celsius.
CMG	1158	<b>CMV (Cytomegalovirus) Antibody</b> IgG	8ml Plain (Gel-YELLOW)
CMM	1159	IgM	8 ml Plain (Gel-YELLOW)
CMP	4117	<b>Cytomegalovirus (CMV) by PCR</b>	2 x 4ml EDTA (PURPLE). Spin and freeze plasma / CSF (minimum 0.6ml).
REF		<b>Cobalt</b>	50ml Random Urine
COC	1288	<b>Cocaine (Screen)</b>	50ml Random Urine
REF		<b>Coccidioidomycosis</b>	8ml Plain (Gel-YELLOW)
DRC	4140	<b>Codeine (in drug confirmation)</b>	50ml random urine
REF		<b>Coenzyme (Q10)</b>	8ml Lithium Heparin (GREEN) - freeze plasma, wrap in foil
COL	1109	<b>Cold Agglutinins</b>	4ml EDTA (PURPLE) + 8ml Plain (Gel-YELLOW) Must be kept warm. Do not refrigerate.
REF		<b>Complement C1Q</b>	8ml Plain (Gel-YELLOW) - freeze serum
DAT	1105	<b>Coombs Test (Antiglobulin test)</b> Direct Antiglobulin	4ml EDTA (PURPLE). Include drug history if known.
BAB	1104	Indirect (Abs)	4ml EDTA (PURPLE). Include drug history if known.
RCU	1025	<b>Copper (Cu)</b> Plasma	6ml of K2 EDTA (Do NOT spin)
UCU	2443	Urine	24 hr urine collection into acid washed bottle
AMI	1366	<b>Cordarone X (Amiodarone)</b>	8ml Plain (Gel-YELLOW)
ACO	1078	<b>Cortisol</b> AM Cortisol	8ml Plain (Gel-YELLOW).
PCO	1078	PM Cortisol	2x 8ml Plain (Gel-YELLOW) for panel code COR. State time/date of collection
COR	1078	AM & PM Cortisol	
RCO	1078	Random Cortisol	
CRU	1079	Urine Free Cortisol	24 hr urine collection. Note am/pm sample on request form.
UCT	1026	<b>Cotinine (Nicotine metabolite)</b>	50ml Random Urine
VQF	4611	<b>Coxiella burnetii IgG &amp; IgM (Q fever)</b>	8ml Plain (Gel-YELLOW)
CPP	1018	<b>C-Peptide</b>	8ml Plain (Gel-YELLOW) Fasting required for 8 hours. Do not take multivitamins or dietary supplements containing biotin (vitamin B7) for 12 hours before specimen collection
REF		<b>Creosote (Urine)</b>	50ml Random Urine - to be collected at the end of shift

Panel Code	Schedule Code	Test	Specimen Requirements
CRT UCR	3485 1069	<b>Creatinine</b> Serum Urine	8ml Plain (Gel-YELLOW) 24 hr urine collection (no preservative)
CC	1002, 1069	<b>Creatinine clearance</b> Serum & Urine	8ml Plain (Gel-YELLOW) & 24 hr urine collection. (no preservative).
XM	1106	<b>Crossmatch Procedure</b> (includes first unit)	By agreement only. 3 x 4ml EDTA (PURPLE)
BBU	1505	<b>Crossmatch</b> (more than 1 unit)	Tag on test for Crossmatch procedure above. No extra sample required.
CRP	1156	<b>C-Reactive Protein</b> (High Sensitivity CRP)	8ml Plain (Gel-YELLOW)
CRG	1157	<b>Cryptococcal Antigen</b> (Cryptococcal neoformans)	8ml Plain (Gel-YELLOW) or CSF
SM2	1631	<b>Cryptosporidium Stain</b>	Fresh faecal specimen
CNE	4138	<b>CSF Neurotransmitter</b>	CSF fluid. Please call the referral department for appointment.
CSV	4792	<b>CSF VDRL</b>	CSF
CPA	2347	<b>Cyclic Citrullinated Peptide Antibodies</b>	8ml Plain (Gel-YELLOW)
CYC	1271	<b>Cyclosporin</b>	4ml EDTA (PURPLE). State time / date of last dose & time / date of collection.
CYF	5947	<b>CYFRA 21-1</b>	8ml Plain (Gel-YELLOW)
CTC	3156	<b>Cystatin - C</b>	8ml Plain (Gel-YELLOW)
REF		<b>Cysticercosis</b>	8ml Plain (Gel-YELLOW) or CSF
CYU	4141	<b>Cystine</b>	50ml Random Urine, freeze Clinical & drug history is essential.
REF		<b>Cytokine</b>	8ml Plain (Gel-YELLOW) or 2x 4ml EDTA - freeze serum/plasma
C13	6357	<b>Cytokine Panel 13</b>	10ml Plain (Gel-YELLOW) Spin within 2 hours, freeze serum
CYT	1291	<b>Cytology</b> (CSF, Fluid, Sputum, Urine) <b>other than pleural, ascitic and percardial fluid</b>	Please provide clinical history and collection site.
REF		<b>Cytomegalovirus IgG avidity</b>	8ml Plain (Gel-YELLOW)
FDR	1095	<b>D-Dimer (FDR)</b>	2.7ml Sodium Citrate (BLUE)
DFA	1805	<b>Dengue Fever Antibodies (IgG &amp; IgM) - Rapid Test</b>	8ml Plain (Gel-YELLOW)
NS1	3050	<b>Dengue Fever Antigen (NS1) - Rapid Test</b>	8ml Plain (Gel-YELLOW)
NS2	3106	<b>Dengue Fever Antigen (NS2) -NS1 Plus FBE - Rapid Test</b>	8ml Plain (Gel-YELLOW) & 4ml EDTA (PURPLE)
DHE	1246	<b>DHEAS (Dehydroepiandrosterone Sulphate)</b>	8ml Plain (Gel-YELLOW) - freeze serum
GDA IAN	2724 2725	<b>Diabetes Autoantibodies</b> GAD Autoantibodies IA-2 Autoantibodies	8ml Plain (Gel-YELLOW) 8ml Plain (Gel-YELLOW)
UE UOS ELY OSS	6711 1050 1084 1050	<b>Diabetes Insipidus Screen</b> Urine electrolytes Urine osmolality Serum electrolytes Serum osmolality	Fasting 12 hours. Collect random urine. Fasting 12 hours. Collect random urine. 8ml Plain (Gel-YELLOW) 8ml Plain (Gel-YELLOW)

Panel Code	Schedule Code	Test	Specimen Requirements
DIZ	5176	<b>Diazepam (Valium)</b>	8ml Plain (Gel-YELLOW) State time / date of last dose & time / date of collection.
DIG	1273	<b>Digoxin (Lanoxin)</b> Sample time: 6 to 8 hours after last dose of digoxin. <b>Do not take multivitamins or dietary supplements containing biotin (vitamin B7) for 12 hours before specimen collection</b>	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
DHT	2738	<b>Dihydrotestosterone</b>	8ml Plain (Gel-YELLOW), freeze serum
DIL	1278	<b>Dilantin (Phenytoin)</b>	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
DPS	1736	<b>Diphtheria Serology (Anti-Diphtheria toxoid IgG)</b>	8ml Plain (Gel-YELLOW)
DNP	4139	<b>DNA Paternity (Legal case by Jabatan Kimia)</b>	1 x 4ml EDTA (PURPLE) whole blood for 1 child and 1 biological father. Additional charges will apply for complex cases - please consult Referral Department for test complexity
DBS	7282	<b>DNA Paternity (Non Legal Case)</b>	Buccal Swab - Father and 1 child
REF		<b>DNA Paternity (Non Legal Case)</b>	Buccal Swab - Father and 2 children
REF		<b>DNA Paternity (Non Legal Case)</b>	Buccal Swab - Father, Mother and 1 child
CTE	1072	<b>Dopamine (Catecholamines)</b>	24 hr urine collection with 20 ml concentrated (HCl) added
REF		<b>DQ2 + DQ8</b>	4 x 4ml EDTA (PURPLE) - whole blood
DNA	1140	<b>dsDNA antibody</b>	8ml Plain (Gel-YELLOW)
EBG	1162	<b>EBV (Epstein-Barr virus) IgG - VCA IgG only</b>	8ml Plain (Gel-YELLOW). May need convalescent specimen.
EBM	1010	<b>EBV (Epstein-Barr virus) Antibodies - VCA IgM only</b>	8ml Plain (Gel-YELLOW). May need convalescent specimen.
EA	1726	<b>EBV EA IgA</b> (Nasopharyngeal Carcinoma Screen)	8ml Plain (Gel-YELLOW)
VCA	1603	<b>EBV VCA IgA</b> (Nasopharyngeal Carcinoma Screen)	8ml Plain (Gel-YELLOW)
REF		<b>Echinococcus Hydatidosis Serology</b>	8ml Plain (Gel-YELLOW)
REF		<b>Echovirus</b>	8ml Plain (Gel-YELLOW)
EGF	5256	<b>EGFR PCR Mutation Detection</b>	2 section of FFPE block
ENS	1534	<b>Entamoeba histolytica Antibody</b>	8ml Plain (Gel-YELLOW)
ENV	1508	<b>Environmental Culture</b>	Swab collected into transport medium / settle plate / biological indicator.
VAL	1281	<b>Epilim (Valproate)</b> Sample Type: Pre-Dose.	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
EBP	4797	<b>Epstein Barr Virus DNA PCR</b>	4ml EDTA (PURPLE). Plasma with minimum 1ml.
ERY	4104	<b>Erythropoietin</b>	8ml Plain (Gel-YELLOW) - freeze serum
ESR	6673	<b>ESR (Erythrocyte Sedimentation Rate)</b>	4ml EDTA (PURPLE)
REF		<b>Essential Fatty Acid</b>	8ml Plain (Gel-YELLOW) - centrifuge within 45 minutes of draw.



Panel Code	Schedule Code	Test	Specimen Requirements
CEI	1672	<b>C1 Esterase Inhibitor</b>	8ml Plain (Gel-YELLOW), DO NOT freeze serum. Please provide clinical details.
OST	1247	<b>Oestradiol (E2) - Female</b>	8ml Plain (Gel-YELLOW)
OSI	1247	<b>Oestradiol (E2) - Male</b>	8ml Plain (Gel-YELLOW)
ALC UAH	1283 6679	<b>Ethanol (EtOH / Alcohol)</b> Blood Urine	Fluoride oxalate (grey). Fill to head space. 50ml Random Urine
REF		<b>Everolimus</b>	4 ml EDTA -Fresh sample to be collected on Specimen to be collected on Monday until Thursday
FV	4149	<b>Factor V Leiden Mutation</b>	2 X 4mL EDTA Specimen to be collected on Friday
FVL	1836	<b>Factor V Leiden Screening (Activated Protein C Resistance)</b>	2 x 2.7ml Sodium Citrate (BLUE). Double spin, separate plasma and freeze.
F8	1531	<b>Factor VIII</b>	2 x 2.7ml Sodium Citrate (BLUE). Double spin, separate plasma and freeze.
F8	1531	<b>Factor IX (Christmas Factor)</b>	2 x 2.7ml Sodium Citrate (BLUE). Double spin, separate plasma and freeze.
RTC	4155	<b>Ristocetin Cofactor Activity</b>	3 x 2.7ml Sodium Citrate (BLUE). Double spin, separate plasma and freeze.
VWF	4159	<b>von Willebrands Factor (vWF)</b>	3 x 2.7ml Sodium Citrate (BLUE). Double spin, separate plasma and freeze.
REF		<b>Factor Xa</b>	2 x 4ml Sodium Citrate (BLUE) . Double spin, separate plasma & freeze.
OBT	1923	<b>Faecal Occult Blood</b>	Fresh faecal specimen. Collection on 3 consecutive days recommended. (No special dietary requirements)
FVS ROT NOR	7443 1201 4631	<b>Faecal Viral Studies</b> Rotavirus Ag only Norovirus Ag only	Fresh faecal specimen. Fresh faecal specimen. Fresh faecal specimen.
FMC FC	1234, 4953 1235	<b>Faeces Culture</b> Micro & culture includes wet film and culture for Salmonella, Shigella and Campylobacter Culture for Salmonella & Shigella only.	Fresh faecal specimen. Fresh faecal specimen / Rectal swab.
FM	1234	<b>Faeces Direct Microscopy</b> examination for ova, cysts and parasites	Fresh faecal specimen.
SM2	1631	<b>Faeces examination for cryptosporidium</b>	Fresh faecal specimen.
UM FM CSS JFM FL MF RS WS GS	1910 1234 1111 1815 1226 1226 1226 1226 1226	<b>FEME</b> Urine Faeces CSF (Gram stain, cell count & indian ink) Joint / Synovial Fluid (including crystals) Common aspirates (Ascitic, Peritoneal etc) Fungal Microscopy (KOH) Sputum (Gram stain) Sputum Swab (Gram stain) Swabs Vaginal /Urethral includes wet film for Monilia & Trichomonas and a gram stain (including Gonococci)	50ml Mid Stream Urine. Fresh faecal specimen. Fluid collected aseptically into sterile container. Fluid collected aseptically into sterile container. Fluid collected aseptically into sterile container. Skin scrapings, Hair, Nail clippings Specimen in sterile containers. Swab collected into transport medium. Swab collected into transport medium
FER	1035	<b>Ferritin</b>	8ml Plain (Gel-YELLOW)
KLI	1421	<b>Fetal Haemoglobin (Kleihauer Test)</b>	4ml EDTA (PURPLE). Maternal blood.

Panel Code	Schedule Code	Test	Specimen Requirements
FIB	1094	<b>Fibrinogen</b>	2.7ml Sodium Citrate (BLUE)
MFA	1192	<b>Filaria Serology</b>	8ml Plain (Gel-YELLOW)
FNA	1299	<b>Fine Needle Aspiration Cytology</b>	Please provide clinical history and collection site. To prepare one air dry and one alcohol fixed smear and the balance sample to be collected using SurePath vial. Cell block preparation is needed for ancillary test which may be required, therefore it is advisable not to prepare more than two slides.
FIS	3094	<b>FISH - HER-2 / neu</b>	Tissue Block
CSF	1224	<b>Fluid FEME, Culture &amp; Sensitivity</b> CSF	Fluid collected aseptically into sterile container. DO NOT Refrigerate and transport at room temperature
JFA	1813	Joint / Synovial Fluid	
FLC	1222	Common aspirates (Ascitic, Peritoneal etc)	
GSC	1222	Vaginal / Urethral for aerobic & anaerobic organisms (including Gonococci)	Swab collected into transport medium. Do NOT refrigerate.
UFL	1375	<b>Fluoride</b>	50ml Random Urine
FOL	1115	<b>Folate (Folic Acid)</b> Serum	8ml Plain (Gel-YELLOW)
RCF	1037	Red Cell	2 x 4ml EDTA (PURPLE)
FHS	1667	<b>Food Handlers Screen</b> Culture for Salmonella, Shigella and Vibrio Cholera	Fresh Faeces sample / Rectal swab
CRU	1079	<b>Free Cortisol (Urine)</b>	24 hr urine collection (no preservative)
FCH	5548	<b>Free Light Chain Assay</b>	8ml Plain (Gel-YELLOW) - freeze serum
FRU	1038	<b>Fructosamine</b>	8ml Plain (Gel-YELLOW), provide clinical notes.
FSH	1249	<b>FSH (Follicle Stimulating Hormone)</b>	8ml Plain (Gel-YELLOW)
FT3	1250	<b>FT3 (Free Tri-iodo Thyronine)</b>	8ml Plain (Gel-YELLOW)
FT4	1251	<b>FT4 (Free Thyroxine)</b>	8ml Plain (Gel-YELLOW)
GPD	1117	<b>G6PD</b> <b>(Glucose-6-Phosphate Dehydrogenase)</b> Qualitative	4ml EDTA (PURPLE)
GPQ	6227	Quantitative	4ml EDTA (PURPLE)
UPS	1868	<b>GAA (Gamma Aminolevulinic Acid)</b> - Urine Porphyrin	50ml Random urine (freeze)
PKU	1054	<b>Galactosemia Screen /Guthrie</b> <b>- Phenylalanine for PKU</b>	Use Guthrie spot test card for baby, obtain from Referral Department.
MNG	5179	<b>Ganglioside, Antibody IgG &amp; IgM</b>	8ml Plain (Gel-YELLOW) - freeze serum
APC	1253	<b>Gastric Parietal Cell Antibodies</b>	8ml Plain (Gel-YELLOW)
GTN	1418	<b>Gastrin</b>	8ml Plain (Gel-YELLOW). Fasting required. - freeze serum
GEN	1274	<b>Gentamicin levels</b> Pre dose (trough)	8ml Plain (Gel-YELLOW). Note time taken.
GEN	1274	Post dose (peak)	8ml Plain (Gel-YELLOW). Note time taken.
GMI	1274	Single specimen	30 minutes after bolus I.V. injection, 15 minutes after completion of I.V.infusion, 60 minutes after I.M. injection. State frequency and dose (8, 12 or 24 hourly)



Panel Code	Schedule Code	Test	Specimen Requirements
GGT	6629	<b>GGT (Gamma-Glutamyl Transferase)</b>	8ml Plain (Gel-YELLOW)
REF		<b>Ghrelin</b>	8ml Plain (Gel-YELLOW). Fasting required - freeze serum
MON	1194	<b>Glandular Fever (Infectious Mononucleosis) / Monospot Screen</b>	8ml Plain (Gel-YELLOW)
GLI	1413	<b>Gliadin Antibody IgG</b> (Coeliac Disease Screen)	8ml Plain (Gel-YELLOW)
GIA	5333	<b>Gliadin IgG IgA - Mayo</b>	8ml Plain (Gel-YELLOW)
AGB	1746	<b>Glomerular Basement Membrane Antibodies</b>	8ml Plain (Gel-YELLOW)
GCG	6149	<b>Glucagon</b>	2 x 4ml EDTA (PURPLE) - freeze plasma
GLU	6630	<b>Glucose</b> Fasting specimen	2ml Fluoride Oxalate (GREY). Note time of collection.
GLU	6630	Random specimen	
GLU	6630	2 hrs post prandial	
GCT	1652	<b>Glucose Screen (Glucose Challenge Test)</b>	2ml Fluoride Oxalate (GREY). Glucose test 1 hr post 75g loading dose of glucose. Fasting not required.
GTT	1110	<b>Glucose Tolerance Test</b> Modified (2 specimens) - Fasting & 2hr	2ml Fluoride Oxalate (GREY). An appointment is necessary. Please indicate if any variation on standard 2 hour test.
XGT	1039	Prolonged (6 specimens) - Fasting, 1hr, 2hr, 3hr, 4hr and 5hr	
CGT	2423	<b>Gonococcal &amp; Chlamydia PCR</b>	Either 1st void urine or DRY SWAB (urethral or cervical swab or eye swab).
GQB	5269	<b>GQIB (Anti)</b>	8ml Plain (Gel-YELLOW)
BGH	1100	<b>Group and Hold</b> - includes ABO, Rh (D) & Antibodies	4ml EDTA (PURPLE) & 8ml Plain (Gel-YELLOW) By Agreement Only. Please indicate date / time of operation.
GH	1255	<b>Growth Hormone</b>	8ml Plain (Gel-YELLOW) - freeze serum
REF		<b>Guanidinoacetate (GAA)</b>	50ml Random Urine
HIA	1070	<b>5-HIAA (5-Hydroxyindolacetic Acid)</b>	24 hr urine collection over 10ml in concentrated HCl (pH:1)
OHP	1263	<b>17-Hydroxyprogesterone</b>	8ml Plain (Gel-YELLOW) - freeze serum.
HFE	5180	<b>Haemochromatosis Gene Studies (HFE Gene)</b>	2 x 4ml EDTA (PURPLE). Contact laboratory for further details & specific appointment.
HB	6674	<b>Haemoglobin</b>	4ml EDTA (PURPLE)
GHB	1040	<b>Haemoglobin A1c (HbA1c)</b>	4ml EDTA (PURPLE)
HTM	5181	<b>Hair or Nail Analysis For Trace Metals (Arsenic &amp; Mercury)</b>	10mg Hair (1/2 sterile container jar)
HAP	1122	<b>Haptoglobin</b>	8ml Plain (Gel-YELLOW)
HCG	1256	<b>HCG</b> Serum (Qualitative)	8ml Plain (Gel-YELLOW), gender & DOB essential
QUA	1689	Serum (Quantitative) - Female	
QAM	1689	Serum (Quantitative) - Male	
HDL	1022	<b>HDL Cholesterol</b>	8ml Plain (Gel-YELLOW). Patient should fast for 10 -12 hours.
HP4	6321	<b>HE 4 (Ovarian Tumour marker)</b>	8ml Plain (Gel-YELLOW)

Panel Code	Schedule Code	Test	Specimen Requirements
HMS	1376	<b>Heavy Metal Screen</b>	4 x 6ml K2 EDTA (ROYAL BLUE) whole blood - Do NOT spin
HEL	1168	<b>Helicobacter pylori IgG</b>	8ml Plain (Gel-YELLOW)
HSA	2075	<b>Helicobacter Stool Antigen Test</b>	Fresh faecal specimen
HEC	5414	<b>Helicobacter pylori Culture</b>	Fresh faecal specimen
UBA	1750	<b>Helicobacter Urea Breath Test C-13 2 Point</b>	Special Collection Kit. Available from Laboratory.
UBT	5048	<b>Helicobacter Urea Breath Test 4 Points</b>	Special Collection Kit. Available from Laboratory.
REF		<b>Heparin Induced Thrombocytopenia (HIT)</b>	6ml Plain (Gel-YELLOW) & 8ml Sodium Citrate (BLUE) - freeze both serum and plasma
HAG	1169	<b>Hepatitis A Antibody</b> IgG (HAV IgG)	8ml Plain (Gel-YELLOW)
HAM	1170	IgM (HAV IgM)	8ml Plain (Gel-YELLOW)
REF		<b>Hepatitis B Genotyping</b>	8ml Plain (Gel-YELLOW)
HB1	1175	<b>Hepatitis B Serology</b> Hep Bs Antigen (HBsAg)	8ml Plain (Gel-YELLOW)
HB2	1176	Hep Bs Antibody (HBsAb)	8ml Plain (Gel-YELLOW)
HBT	1171	Hep Bc Total Antibody	8ml Plain (Gel-YELLOW)
HBC	1172	Hep Bc IgM	8ml Plain (Gel-YELLOW)
HBX	1173	Hep Be Antigen	8ml Plain (Gel-YELLOW)
HBY	1174	Hep Be Antibody	8ml Plain (Gel-YELLOW)
HBP	1690	<b>Hepatitis B DNA (Quantitative assay)</b>	4ml EDTA (PURPLE) - freeze plasma
HCV	1178	<b>Hepatitis C Antibody</b>	8ml Plain (Gel-YELLOW)
HCP	1416	<b>Hepatitis C PCR</b> Qualitative detection of HCV RNA	2x 4ml EDTA (PURPLE) - freeze plasma
HCQ	2520	Quantitative detection of HCV RNA	2x 4ml EDTA (PURPLE) - freeze plasma
GHC	2519	<b>Hepatitis C Genotyping</b>	4ml EDTA (PURPLE). freeze plasma
HDV	1390	<b>Hepatitis D Antibodies (Total Antibody)</b>	8ml Plain (Gel-YELLOW)
HEV	1345	<b>Hepatitis E Antibodies (Total Antibody)</b>	8ml Plain (Gel-YELLOW)
HG1	1179	<b>Herpes Simplex Serology</b> Type 1 (IgG)	8ml Plain (Gel-YELLOW)
HG2	1181	Type 2 (IgG)	8ml Plain (Gel-YELLOW)
HM1	1180	Type 1 and 2 (IgM)	8ml Plain (Gel-YELLOW) May need convalescent specimen
HSV	4103	<b>Herpes Simplex Virus by PCR</b> - Qualitative detection	2 x 4ml EDTA (PURPLE) - freeze plasma OR CSF (minimum 0.6ml) OR Swab (genital and vesicular swab ONLY)
VZG	1215	<b>Herpes Zoster / Varicella Antibodies</b> IgG	8ml Plain (Gel-YELLOW)
VZM	1216	IgM	8ml Plain (Gel-YELLOW)
UHA	4917	<b>Hippuric Acid Exposure</b>	50ml Random Urine - to be collected at the end of shift
REF		<b>Histamine</b>	8ml Lithium Heparin (GREEN) - freeze whole blood
HIT	5183	<b>Histone Antibody</b>	8ml Plain (Gel-YELLOW) - freeze serum
REF		<b>Histoplasmosis</b>	8ml Plain (Gel-YELLOW) - freeze serum
HIV	1138	<b>HIV Screen (AIDS) (HIV I&amp;II Ag/Ab)</b>	8ml Plain (Gel-YELLOW). Provide full patient details.
P24	2220	<b>HIV p24 antigen</b>	8ml Plain (Gel-YELLOW)

Panel Code	Schedule Code	Test	Specimen Requirements
HVI	1730	<b>HIV-1 RNA Viral Load</b>	2x 4ml EDTA (PURPLE) - freeze plasma
HLA	1385	<b>HLA - B27</b>	6ml Lithium Heparin (GREEN). - whole blood DON'T refrigerate. Call lab for appointment first.
HLB	6379	<b>HLA-B*1502</b>	4ml EDTA (PURPLE) - whole blood
HOC	1671	<b>Homocysteine</b> Fasting sample.	8ml Plain (Gel-YELLOW) OR 4ml EDTA (PURPLE). - freeze serum
CYH	1679	<b>Hormone Assessment - (Cytology)</b>	Vaginal wall scrape. Please provide clinical history.
REF		<b>HTLV Confirmation Western Blot</b>	8ml Plain (Gel-YELLOW) - freeze serum
REF		<b>Human Herpes Virus 6 PCR (HHV6)</b>	-For child : 2 X 4ml EDTA (PURPLE) - freeze plasma -For adult : CSF sample - keep chilled)
HTL	1417	<b>Human T-Cell Lymphotropic Virus 1&amp;2 Ab (HTLV)</b>	8ml Plain (Gel-YELLOW)
HPG	3620	<b>Human Papillomavirus (HPV) DNA</b>	SurePath Vial
HYD	5184	<b>Hydatid Serology</b>	8ml Plain (Gel-YELLOW)
IGF	1913	<b>IGF-1 (Insulin-like growth factor-1)</b>	8ml Plain (Gel-YELLOW) - freeze serum
REF		<b>IGFBP3</b>	8ml Plain (Gel-YELLOW) - freeze serum
IGS	4109	<b>IgG Subclasses</b>	8ml Plain (Gel-YELLOW)
MON	1194	<b>I.M. (Infectious Mononucleosis)</b> - Paul Bunnell, Monospot	8ml Plain (Gel-YELLOW)
IGA	1184	<b>Immunoglobulins (Individual)</b> IgA	8ml Plain (Gel-YELLOW)
IGE	1185	IgE (Total IgE)	8ml Plain (Gel-YELLOW)
IGG	1186	IgG	8ml Plain (Gel-YELLOW)
IGM	1187	IgM	8ml Plain (Gel-YELLOW)
IGD	1528	<b>Immunoglobulin D</b>	8ml Plain (Gel-YELLOW)
VAB	1394	<b>Influenza A or B Antibody</b>	8ml Plain (Gel-YELLOW)
IAR	3174	<b>Influenza A &amp; B Antigen - Rapid Test</b>	Special collection kit. Available from laboratory.
H1N	3175	<b>Influenza A &amp; B PCR</b>	Special collection kit. Available from laboratory.
INR	1090	<b>INR (International Normalised Ratio) on warfarin therapy</b>	2.7ml Sodium Citrate (BLUE). Note: Fill to line.
INS	1257	<b>Insulin level</b>	8ml Plain (Gel-YELLOW) - freeze serum 2ml Flouride Oxalate (grey) - Specify fasting / random (fasting is preferred - together with glucose)
REF		<b>Insulin (Pro)</b>	10ml Plain (Gel-YELLOW) - freeze Serum
INA	4152	<b>Insulin Antibody</b>	10ml Plain (Gel-YELLOW) - freeze Serum
IL6	5800	<b>Interleukin 6</b>	8ml Plain (Gel-YELLOW) or 2x 4ml EDTA (PURPLE) - freeze serum/plasma
IFA	3282	<b>Intrinsic Factor Antibody</b>	8ml Plain (Gel-YELLOW)
REF		<b>Invasive Candidiasis IgG (CAGTA)</b>	8ml Plain (Gel-YELLOW)
PTH	1260	<b>iPTH (Intact Parathyroid Hormone)</b>	4ml EDTA (PURPLE). - freeze plasma
FE	1042	<b>Iron (Fe)</b>	8ml Plain (Gel-YELLOW). Morning specimen preferred.
REF		<b>Isoenzymes (CK )</b>	8ml Plain (Gel-YELLOW) - freeze serum
REF		<b>Isoenzymes (Lactate Dehydrogenase)</b>	8ml Plain (Gel-YELLOW) - freeze serum
REF		<b>Itraconazole</b> Sample to be collected just before next dose.	2x4ml EDTA (PURPLE) - freeze plasma.



Panel Code	Schedule Code	Test	Specimen Requirements
KLI	1421	<b>Kleihauer Tests (For Fetal Cells)</b>	4ml EDTA (PURPLE). Maternal Blood.
REF		<b>Ketones</b>	2 x 4ml Fluoride Oxalate (GREY) - freeze plasma and red cell, keep at room temp
QUI	1275	<b>Kinidin (Quinidine)</b> Sample Time: Pre-Dose.	8ml Plain (Gel-YELLOW). State time/date of last dose & time/date of collection
LAM	5186	<b>Lamotrigine (Lamictal)</b>	8ml Plain tube (GEL-yellow) - freeze serum
LAR	5187	<b>Largactil (Chlorpromazine)</b>	8ml Plain (Gel-YELLOW)
LD	3395	<b>LDH (Lactate Dehydrogenase)</b>	8ml Plain (Gel-YELLOW)
BPB LEU	1043 5150	<b>Lead (Pb)</b> Blood Urine	5ml K2 EDTA (ROYAL BLUE) -Do NOT spin 24 hr urine collection in acid washed bottle or spot urine. Taken at the end of working shift.
LEG	1189	<b>Legionella Antibodies (Total Antibody)</b>	8ml Plain (Gel-YELLOW)
LGC	1903	<b>Legionella Culture</b>	2 x 50ml water sample
REF		<b>Leishmaniasis Serology</b>	8ml Plain (Gel-YELLOW) - freeze serum
LTN	5593	<b>Leptin</b>	8ml Plain (Gel-YELLOW) - freeze serum
LEP	1748	<b>Leptospirosis (IgM)</b>	8ml Plain (Gel-YELLOW). May need convalescent specimen.
LH	1259	<b>LH (Luteinizing Hormone)</b>	8ml Plain (Gel-YELLOW)
FKL	6946	<b>Light Chain Assay (Kappa and Lambda)</b>	8ml Plain (Gel-YELLOW)
LSE	1044	<b>Lipase</b>	8ml Plain (Gel-YELLOW)
LPA	3010	<b>Lipoprotein a - Lp (a)</b>	8ml Plain (Gel-YELLOW)
LPE	1045	<b>Lipoprotein electrophoresis</b>	8ml Plain (Gel-YELLOW)
LI	1046	<b>Lithium</b> Sample Time: 12 hours post dose.	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
LFS SEO	5965 5962	<b>Liver Fibrosis, Activity &amp; Steatosis</b> LiverFASt SteatoTEST	8ml Plain (Gel-YELLOW) & 3ml Fluoride Oxalate (GREY). Fasting / Gender / Age / Height & Weight.
LKM	1742	<b>LKM Autoantibodies (Liver, Kidney, Muscle)</b>	8ml Plain (Gel-YELLOW)
REF		<b>Liver Copper Concentration</b>	Liver Tissue in sterile container - no preservative and keep at room temperature
ALA	5271	<b>Liver Soluble Protein</b>	10ml Plain (Gel-YELLOW)
LAS	1098	<b>Lupus Anticoagulant Factor - APTT &amp; dRVVT</b>	2 x 2.7ml Sodium Citrate (BLUE). Double spin, freeze plasma.
ANF	1141	<b>Lupus Screen (Anti Nuclear Antibodies)</b>	8ml Plain (Gel-YELLOW)
REF		<b>Lysosomal Enzyme</b>	Please consult the Referral Department for details on specimen requirement details and appointment
REF		<b>Lyme Disease (Borrelia Serology) IgG &amp; IgM</b>	10ml Plain (Gel-YELLOW)
M2P	5239	<b>M2-PK Colorectal cancer screening</b>	Fresh faecal specimen, keep at 2-8 degree Celsius
MG RMG UMG	3482 1047 1243	<b>Magnesium (Mg)</b> Serum Red Cell Urine	8ml Plain (Gel-YELLOW). Do not use tourniquet. 6ml of K2 EDTA (ROYAL BLUE)- full blood 24 hr urine collection (no additive)
MAG	1709	<b>Malaria Antigen</b> ( <i>P. falciparum</i> & non-falciparum)	4ml EDTA (PURPLE)

Panel Code	Schedule Code	Test	Specimen Requirements
MS	1086	<b>Malarial Parasites (Blood Film)</b>	4ml EDTA (PURPLE)
MDX	5188	<b>Mandrax (Methaqualone)</b>	50ml Random Urine
MNB	1118	<b>Manganese</b> Blood	6ml of K2 EDTA (ROYAL BLUE)- full blood Collect and refer sample to lab on Tues only
MNU	4209	Urine	50ml Random Urine
MEG	1190	<b>Measles Serology</b> IgG	8ml Plain (Gel-YELLOW)
MEM	1191	IgM	8ml Plain (Gel-YELLOW)
MLD	4107	<b>Melioidosis Serology</b> (Burkholderia pseudomallei Ab titre)	8ml Plain (Gel-YELLOW)
THI	1380	<b>Mellaril (Thioridazine)</b>	8ml Plain (Gel-YELLOW)
QME	7441	<b>Meningitis/Encephalitis Panel</b>	CSF / 500ul (minimum)
MER	1048	<b>Mercury (Hg)</b> Whole Blood	6ml of K2 EDTA (ROYAL BLUE)- full blood
UME	1048	Urine	50ml Random Urine - to be collected at end of shift
REF		Hair / Nail	Hair / Nail
SAM	1284	<b>Methamphetamine</b>	50 ml Random Urine
MNP	1073	<b>Metanephrine</b>	24 hr urine collection, collected ONTO 20ml concentrated HCL
PMT	5267	<b>Metanephrine (plasma)</b>	2 x 4ml EDTA (PURPLE) - split plasma and spin within 3 hours after collection. By appointment only. Please provide clinical notes on medication.
DON	5189	<b>Methadone</b>	50ml Random Urine
MET	1099	<b>Methaemoglobin</b>	6 ml Lithium Heparin (GREEN) - whole blood. Please consult the Referral Department on test availability.
MDX	5188	<b>Methaqualone (Mandrax)</b>	50ml Random Urine
REF		<b>Methionine</b>	6 ml Lithium Heparin (GREEN) - freeze plasma
MTE	5959	<b>Methotrexate</b> Sample Time: Pre-Dose.	8ml Plain (Gel-YELLOW) 8ml Lithium Heparin (GREEN). Wrap serum/plasma in foil. State time/date of last dose & time/date of collection
REF		<b>Methylenetetrahydrofolate reductase</b> (MTHFR) mutation	4ml EDTA (PURPLE) - full blood
XYE	3950	<b>Methylhippuric acid (Xylene exposure)</b>	50ml Random Urine - to be collected at the end of shift
MEX	5191	<b>Mexiletine (Mexitil)</b>	8ml Plain (Gel-YELLOW).
MAT	4108	<b>Microagglutination Test (MAT)</b>	8ml Plain (Gel-YELLOW)
MAS	1074	<b>Microalbumin (Albumin / Creatinine Ratio)</b> Microalbumin concentrate	Spot or random urine sample
MAL	1074	Albumin excretion rate on a timed urine sample.	24 hr urine (no preservative) or timed urine collection: 8 or 24 hr collection. Period must be clearly stated on the request form.
MFA	1192	<b>Microfilaria Antibody</b>	8ml Plain (Gel-YELLOW)
MFL	3487	<b>Microfilaria Screen (Blood film)</b>	4ml EDTA (PURPLE)
BMG	1015	<b>Microglobulin-(Beta-2)</b>	8ml Plain (Gel-YELLOW)
REF		<b>Microsatellite Instability, MSI (Pentaplex)</b>	FFPE Block, by PCR-CE
AMA	1193	<b>Mitochondrial Antibody</b>	8ml Plain (Gel-YELLOW)



Panel Code	Schedule Code	Test	Specimen Requirements
MOG	5192	Mogadon (Nitrazepam)	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
REF		Monoganglioside (GMI)	8ml Plain (Gel-YELLOW) - freeze serum
MON	1194	Monospot (I.M. / Paul Bunnell)	8ml Plain (Gel-YELLOW)
MRS	1041	MRSA carrier screen	Nose, groin & axilla swabs collected into transport medium.
MRX	5301	MRSA screen - Single	Swab collected into transport medium
MUC	5193	Mucopolysaccharides	50ml Random Urine - freeze Urine
=MMF	7268	Multiple Myeloma Profile	8ml Plain SST tube & 40ml first-void morning urine
MUG	1195	<b>Mumps Serology</b> IgG	8ml Plain (Gel-YELLOW)
MUM	1196	IgM	8ml Plain (Gel-YELLOW)
MTA	1661	Mycobacterium tuberculosis IgG (rapid test)	8ml Plain (Gel-YELLOW)
QFT	3095	Mycobacterium tuberculosis (QuantiFERON TB Gold)	Special collection kit. Must be incubated before 16hrs from sample collection.
TBP	2490	Mycobacterium tuberculosis PCR	Sputum / urine / body fluid (CSF, pleural fluid etc) - at least 0.6ml.
MYM	4345	Mycoplasma antibody IgM	8ml Plain (Gel-YELLOW)
MYC	1197	Mycoplasma pneumonia Serology	8ml Plain (Gel-YELLOW). May need convalescent specimen.
MOC	5532	Myelin Oligodendrocyte Glycoprotein	6-8ml Plain (Gel-YELLOW) - freeze serum
MPY	1900	Myeloperoxidase - ANCA	8ml Plain (Gel-YELLOW)
MYO	6942	<b>Myoglobin</b> Serum	8ml Plain (Gel-YELLOW)
MYU	1049	Urine	Spot urine, only performed if blood detected in urine.
REF		N-Telopeptide	50ml Random Urine - freeze Urine
NMD	5049	N-Methyl-D-Aspartate Receptor (Anti)	8ml Plain (Gel-YELLOW)
DBI	1116	Neonatal / Paediatric Bilirubin (Total & direct)	Microtainer - Heel prick (wrap in foil)
NBI	1006	Neonatal / Paediatric Bilirubin (Total only)	Mini-plain tube or 2 x capillary tubes.
NSA	4153	Neuron Specific Andolase	8ml Plain (Gel-YELLOW)
NAB	4154	Neuronal Antibodies	8ml Plain (Gel- YELLOW) - freeze serum
UNI	2153	Nickel (Ni)	50ml Random Urine. Taken at the end of working shift
MOG	5192	Nitrazepam (Mogadon)	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
AQP	4131	NMO IgG (Aquaporin-4 antibodies)	3 ml of serum sample (keep cool not frozen)
NOT	5194	Nortriptyline (Allegron / Aventyl) Sample Time: Pre-Dose.	8ml Plain (Gel-YELLOW). State time/date of last dose & time/date of collection.
NAT	5916	Nucleic Acid Test (NAT)	2 x 4ml EDTA (PURPLE)
OBT	1923	Faecal Occult Blood	Fresh faecal specimen. Collection on 3 consecutive days recommended. (No special dietary requirements)
OST	1247	Oestradiol (E2) Estradiol / Estrogen	8ml Plain (Gel-YELLOW)
OGB	4105	Oligoclonal bands	8ml Plain (Gel-YELLOW) and CSF

Panel Code	Schedule Code	Test	Specimen Requirements
REF		Oligosaccharides	50ml Random Urine - freeze Urine
OMQ	6324	Omega 3 Index	1 x 4ml EDTA (PURPLE) - whole blood
OPI	1289	Opiates (Screen)	50ml Random Urine
MAC	1290	Opiates & Cannabinoids	50ml Random Urine
ORG	5195	Organic Acids	50ml Random Urine, freeze. Clinical & drug history is essential.
REF		Orotic Acid	50ml Random Urine - freeze.
OSS	1050	Osmolality	8ml Plain (Gel-YELLOW)
UOS	1050	Urine	50ml Random Urine
OCL	6609	Osteocalcin (Bone Turnover Marker)	8ml Plain (Gel-YELLOW)
REF		Ovarian Ab	8ml Plain (Gel-YELLOW) - freeze serum
OXA	1869	Oxalate Excretion, Urine	24 hr Urine Collection over 20 ml HCL. (pH :1) - freeze urine
OZP	5196	Oxazepam (Serepax) - specific of benzodiazepine	8ml Plain (Gel-YELLOW)
P1P	3145	P1NP	8ml Plain (Gel-YELLOW) - freeze serum
AMY	1003	Pancreatic Enzymes	8ml Plain (Gel-YELLOW)
UAM	1066	Serum amylase	24 hr plain urine collection or 50ml Random Urine
LSE	1044	Urine amylase	8ml Plain (Gel-YELLOW)
		Lipase	
REF		Pancreatic Polypeptide	8ml Gel (Yellow) - freeze serum
PAP	1295	PAP Smear	Please use spatula with cytobrush, label & fix slide.
PAQ	6155	PAP Smear - Conventional	
		PAP Smear - Conventional (Urgent)	
PRC	1276	Paracetamol	8ml Plain (Gel-YELLOW)
REF		Parainfluenza Antibodies Type 1, 2 & 3	8ml Plain (Gel-YELLOW)
REF		Paraquat	50ml Random Urine
VPB	1914	Parvovirus B19 Serology (IgG & IgM)	8ml Plain (Gel-YELLOW)
REF		Parvovirus B19 PCR	8ml Plain (Gel-YELLOW) OR 4 ml EDTA (PURPLE) - freeze serum / plasma / amniotic fluid (normal temperature) /CSF
MON	1194	Paul Bunnell (Infectious Mononucleosis / Monospot)	8ml Plain (Gel-YELLOW)
PCV	6675	PCV (Packed Cell Volume) (Haematocrit)	4ml EDTA (PURPLE)
AIA	2122	Pemphigus (Skin Auto-Antibodies)	8ml Plain (Gel-YELLOW)
RS1	1324	Penicillin Allergy Assay	8ml Plain (Gel-YELLOW)
RS1	1324	Assay G	8ml Plain (Gel-YELLOW)
		Assay V	
DES	1371	Pertofran (Desipramine)	8ml Plain (Gel-YELLOW). State time/date of last dose & time/date of collection
PCD	2295	Phencyclidine - PCP (Screen)	50ml Random Urine
PHE	1277	Phenobarbitone	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
UBE	1654	Phenols (Urine Benzene)	50ml Random Urine

Panel Code	Schedule Code	Test	Specimen Requirements
RAP PKU	1883 1054	<b>Phenotyping (Red Cell)</b> for Rhesus antigens  <b>Phenylketonuria test for neonates</b> Includes testing for amino acid, acyl-carnitine, cystic fibrosis, congenital hypothyroidism and galactosaemia	4ml EDTA (PURPLE)  Use Guthrie card - available at laboratory.
PO4 UPH	3484 1068	<b>Phosphate (PO4)</b> Serum Urine	8ml Plain (Gel-YELLOW) 24 hr urine collection aliquot must be acidified before analysis.
PHOSAB	4011	<b>Phospholipid Antibody Screen</b> Cardiolipin antibody Lupus anticoagulant	8ml Plain (Gel-YELLOW) 2 x 2.7ml Sodium Citrate (BLUE) -freeze plasma
PLA	4160	<b>Platelet Antibodies</b>	8ml Plain (Gel-YELLOW) - freeze serum Please provide latest FBC results.
PLC	1108	<b>Platelet Concentrate (per pack)</b>	By Agreement Only. 4ml EDTA (PURPLE)
PLT	6676	<b>Platelet Count</b>	4ml EDTA (PURPLE)
PCE	1731	<b>Pneumocystis jirovecii</b> (formerly known as Pneumocystis carinii)	Induced sputum, bronchial aspirate, washings or brushings.
POY	5263	<b>Polymixin (Colistin)</b> Minimum Inhibitory Concentration (MIC)	Acinetobacter baumannii isolate
UPS	1868	<b>Porphyrin Screen</b> (with reflex for positive screening)	50ml Random Urine, freeze. Wrap in foil. Please provide clinical history.
POT UPO	3486 1068	<b>Potassium (K+)</b> Serum Urine	8ml Plain (Gel-YELLOW) 24 hr urine collection (no additive)
UPG	1630	<b>Pregnancy Test (Urine)</b>	50ml Random Urine
PCQ	5911	<b>Procalcitonin (Quantitative)</b>	8ml Plain (Gel-YELLOW)
GRP	6400	<b>ProGRP</b>	8ml Plain (Gel-YELLOW). Provide clinical details.
PRG	1261	<b>Progesterone</b>	8ml Plain (Gel-YELLOW)
PRL	1262	<b>Prolactin</b>	8ml Plain (Gel-YELLOW)
PRO	2679	<b>Propoxyphene (Screen)</b>	50ml Random Urine
PRT UPR	6632 1080	<b>Protein (Total)</b> Serum Urine	8ml Plain (Gel-YELLOW) 24 hr urine collection (no preservative)
PTC	1518	<b>Protein C</b>	2.7ml Sodium Citrate (BLUE) - freeze plasma
UPC	2465	<b>Protein Creatinine (PRT/CRT) Ratio</b>	50ml Random Urine
PEP UEL	6811 7212	<b>Protein Electrophoresis</b> Serum Urine	8ml Plain (Gel-YELLOW) 40 ml first-void morning urine
PTS	1810	<b>Protein S</b>	2.7ml Sodium Citrate (BLUE) - freeze plasma
PT3	1901	<b>Proteinase 3 - ANCA</b>	8ml Plain (Gel-YELLOW) - separate serum
PTD	5198	<b>Prothiaden (Dothiepin)</b>	8ml Plain (Gel-YELLOW)
PBG	5266	<b>Prothrombin Gene Mutation</b>	2 x 4ml EDTA (PURPLE) or Sodium Citrate (BLUE) - whole blood. Sample to be collected on Friday. By appointment only.



Panel Code	Schedule Code	Test	Specimen Requirements
PTG	1090	Prothrombin Time (PT & INR)	2.7ml Sodium Citrate (BLUE). Fill to line.
PRZ	5199	Prozac (Fluoxetine)	8ml Plain (Gel-YELLOW)
FSA	1705	PSA - Free & Total (Prostate-Specific Antigen)	8ml Plain (Gel-YELLOW)
PSA	1199	PSA - Total (Prostate-Specific Antigen)	8ml Plain (Gel-YELLOW)
MLD	4107	Pseudomallei Ab titre	8ml Plain (Gel-YELLOW)
VB6	1063	Pyridoxine (Vitamin B6)	6ml Lithium Heparin (GREEN). Wrap in foil. Freeze whole blood immediately (Do NOT spin)
REF		Pyrimidine / Purine	50ml Random Urine (freeze)
REF		Pyruvate Kinase	1 x 4ml EDTA (PURPLE) - whole blood
QFT	3095	QuantIFERON TB Gold (Mycobacterium Tuberculosis)	Special collection kit. Must be incubated before 16hrs from sample collection.
RAB	5236	Rabies Antibody	8ml Plain (Gel-YELLOW) Please provide clinical notes / vaccine taken
RCU	1025	Red Cell Copper	6ml of K2 EDTA (ROYAL BLUE)- whole blood
RCC	6677	Red Cell Count (RCC)	4ml EDTA (PURPLE)
UM	1910	Red Cell Morphology (Urine)	Mid Stream Urine collection. Must be fresh.
RBX	310	Renal Biopsy	Fresh tissue. Contact lab for further details & specific appointment.
REI	1872	Renin	2 x 4ml EDTA (PURPLE) freeze plasma.
ARA	1918	Reticulin Antibody	8ml Plain (Gel-YELLOW)
RET	1134	Reticulocytes	4ml EDTA (PURPLE)
RHC	3432	Reticulocytes Haemoglobin Content	4ml EDTA (PURPLE)
RT3	5510	Reverse T3	8 ml Plain (Gel-YELLOW)
RHE	1200	Rheumatoid Factor (RF)	8ml Plain (Gel-YELLOW)
DIS	1372	Rythmodan (Disopyramide)	8ml Plain (Gel-YELLOW)
VB2	1062	Riboflavin (Vitamin B2)	4ml EDTA (PURPLE). Wrap in foil. Freeze whole blood.
REF		Ribosomal P Antibody	8ml Plain (Gel-YELLOW) - freeze serum
RIC	1218	Rickettsia Serology (Weil-Felix Screen)	8ml Plain (Gel-YELLOW)
REF		Rickettsia tsutsugamushi	8ml Plain (Gel-YELLOW)
RTC	4155	Ristocetin Cofactor Activity	3 x 2.7ml Sodium Citrate (BLUE) freeze plasma
CNZ	5173	Rivotril (Clonazepam)	8ml Plain (Gel-YELLOW). Wrap in foil. State time / date of last dose & time / date of collection.
VRR	3161	Ross River Virus IgG Antibody	8ml Plain (Gel-YELLOW)
RPR	1217	RPR (VDRL) Includes titre & TPPA if positive	8ml Plain (Gel-YELLOW)
RUG	1202	Rubella Antibodies IgG	8ml Plain (Gel-YELLOW)
RUM	1204	IgM	8ml Plain (Gel-YELLOW)
REF		Schistosomiasis (Bilharzia)	
BIH	1904	Serology FEME only	8ml Plain (Gel-YELLOW) Urine or faeces
SEL	3824	Selenium	6ml K2 EDTA (ROYAL BLUE) - plasma
SRP	5200	Serepax (Oxazepam) specific of benzodiazepines	8ml Plain (Gel-YELLOW)

Panel Code	Schedule Code	Test	Specimen Requirements
SRT REF	6151	<b>Serotonin</b> Serum Urine	8ml Plain (Gel-YELLOW) - freeze serum 24 hr Urine Collection over 20 ml HCl. (pH :1) - freeze urine
SHB	1438	<b>SHBG (Sex Hormone Binding Globulin)</b>	8ml Plain (Gel-YELLOW). Provide clinical details.
SCC	6401	<b>Squamous Cell Carcinoma Antigen</b>	8ml Plain (Gel-YELLOW). Provide clinical details.
DOX	1374	<b>Sinequan (Doxepin)</b>	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
REF		<b>Sirolimus</b>	4ml EDTA (PURPLE) - whole blood (freeze)
ASM	1142	<b>Smooth Muscle Antibody</b>	8ml Plain (Gel-YELLOW)
NA USO	6631 6638	<b>Sodium (Na+)</b> Serum Urine	8ml Plain (Gel-YELLOW) 24 hr urine collection (no additive)
ALA	5271	<b>Soluble Liver Antigen</b>	8ml Plain (Gel-YELLOW)
SPR	5201	<b>Sperm Antibodies</b>	8ml Plain (Gel-YELLOW)- freeze serum Please provide clinical details.
SEM	1296	<b>Sperm Analysis</b> Infertility	Must reach lab within 1 hour of collection. Please state time and date of collection. If collection required phone laboratory for appointment. DO NOT FREEZE.
SPH	4157	<b>SPMA (S-Phenylmercapturic acid)</b>	50ml Random Urine
STO	1056	<b>Stone Analysis</b>	Stone in sterile containers without any preservatives
ASO	1143	<b>Streptococcal Antibody (ASOT)</b>	8ml Plain (Gel-YELLOW)
SMA	1732	<b>Striated Muscle Antibody</b>	8ml Plain (Gel-YELLOW)
SGY	5202	<b>Strongyloides Serology</b>	8ml Plain (Gel-YELLOW)
REF		<b>Sulphonylurea Screen</b>	8ml Lithium Heparin (GREEN) - freeze plasma
SPP	3378	<b>SurePath-Liquid Based Cytology</b>	Cervical broom & SurePath vial
SPQ	6156	<b>SurePath-Liquid Based Cytology (Urgent)</b>	Cervical broom & SurePath vial
HPGS	3621	<b>SurePath plus HPV by PCR</b>	Cervical broom & SurePath vial
RPR TPH TTI FTA FTI	1217 1214 1704 1844 1845	<b>Syphilis Serology</b> RPR (with titre & TPPA if reactive) TPPA or specific T. pallidum IgG TPPA with Titre Fluorescent Treponemal Antibodies Absorption (Total) Fluorescent Treponemal Antibodies (IgM)	8ml Plain (Gel-YELLOW) 8ml Plain (Gel-YELLOW) 8ml Plain (Gel-YELLOW) 8ml Plain (Gel-YELLOW) 8ml Plain (Gel-YELLOW)
TSP	6164	<b>T-Spot TB Test</b>	1 x 5ml Lithium Heparin (GREEN) Do NOT spin and send to lab within 24hours.
REF		<b>trans, trans-Muconic acid (tt-MA)</b>	50ml Random Urine
TAC	2481	<b>Tacrolimus</b> Sample Time: 12 hours post-dose.	4ml EDTA (PURPLE). Whole blood. State time / date of last dose & time / date of collection.
AAC	1065	<b>Taurine</b>	8ml Lithium Heparin (GREEN) - freeze plasma
TEG	1270	<b>Tegretol (Carbamazepine)</b> Sample Time: Pre-Dose.	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.



Panel Code	Schedule Code	Test	Specimen Requirements
FTE	1873	Testosterone (Free)	8ml Plain (Gel-YELLOW)
TES	1266	Testosterone (Total)	8ml Plain (Gel-YELLOW). Provide clinical details.
TTA	1739	Tetanus Toxoid Ab	8ml Plain (Gel-YELLOW)
THE	1280	Theophylline (Aminophylline)	8ml Plain (Gel-YELLOW)
REF		Thiopurine Methyltransferase (TPMT)	2 x4ml EDTA (PURPLE)
THY	1120	Thyroglobulin	8ml Plain (Gel-YELLOW)
MA	1651	<b>Thyroid Auto-Antibodies:</b> Anti - thyroid peroxidase	8ml Plain (Gel-YELLOW)
TA	1208	Thyroglobulin Antibody	8ml Plain (Gel-YELLOW)
TTG	4106	Tissue Transglutaminase Antibody IgA	8ml Plain (Gel-YELLOW)
TNA	4029	TNF-alpha	8ml Plain (Gel-YELLOW) - freeze serum
TOB	1442	<b>Tobramycin</b> Pre dose (Trough) Sample time: Pre-Dose.	8ml plain (GEL-yellow). State time taken.
TOB	1442	Post Dose (Peak) Sample time: Pre-Dose.	8ml Plain (Gel-YELLOW). State time taken.
		Single Specimen	30 minutes after bolus I.V. injection OR 15 minutes after completion of I.V.infusion OR 60 minutes after I.M. injection. State frequency and dose - 8, 12 or 24 hourly.
TOF	5204	Tofranil (Imipramine)	8ml Plain (Gel-YELLOW)
TOE	4156	Toluene (Exposure)	50ml Random Urine - to be collected at end of shift
REF		Topamax / Topiramate	8ml Plain (Gel-YELLOW) freeze serum. Sample to be collected 4 hours after the dose.
TSE	1740	Toxocara Serology	8ml Plain (Gel-YELLOW)
TXG	1210	Toxoplasma Serology IgG	8ml Plain (Gel-YELLOW)
TXM	1212	Toxoplasma Serology IgM	8ml Plain (Gel-YELLOW)
TRA	1059	Transferrin includes TIBC	8ml Plain (Gel-YELLOW). Preferably A.M.
T3T	6599	Total T3 (Total Tri-iodo Thyronine)	8ml Plain (Gel-YELLOW).
T4T	6600	Total T4 (Total Thyroxine)	8ml Plain (Gel-YELLOW).
TG	6634	Triglycerides (Lipids)	8ml Plain (Gel-YELLOW). 10-12 hour fast necessary.
TNT	6342	<b>Troponin</b> hs Troponin T (for diagnosis)	4ml EDTA (PURPLE)
HSI	6013	hs Troponin I (for risk stratification)	8ml Plain (Gel-YELLOW)
TRP	5205	Tryptanol (Amitriptyline)	8ml Plain (Gel-YELLOW)
TRY	5268	Tryptase	8ml Plain (Gel-YELLOW) - freeze serum
TSH	1267	Thyroid Stimulating Hormone (TSH)	8ml Plain (Gel-YELLOW) - fasting preferred
TSI	4785	Thyroid Stimulating Immunoglobulin	8ml Plain (Gel-YELLOW)
TSR	3065	TSH Receptor Antibody	8ml Plain (Gel-YELLOW)
TYP	1207	Typhoid Antibody (Widal Test)	8ml Plain (Gel-YELLOW)
TYS	1853	Typhidot Rapid IgG / IgM combo	8ml Plain (Gel-YELLOW)
UR	6635	<b>Urea</b> Serum	8ml Plain (Gel-YELLOW)
URU	1069	Urine	24 hr urine collection (no preservative)
UBA	1750	Urea Breath Test C-13-2 Point	Special collection kit. Available from laboratory.

Panel Code	Schedule Code	Test	Specimen Requirements
SUA UUA	6633 1069	<b>Uric Acid (Urate)</b> Serum Urine	8ml Plain (Gel-YELLOW) 24 hr urine collection, NaOH preservative
UBE	1654	<b>Urine Benzene (Phenols)</b>	50ml Random Urine
REF		<b>Urine Cresol</b>	50ml Random Urine - to be collected at end of shift
UMC	1229	<b>Urine Culture (C&amp;S)</b>	Fresh Mid Stream Urine sample. Please state if MSU, catheter urine, clean catch or bag specimen.
CYT	1291	<b>Urine (Cytology)</b>	Please provide clinical history
UM	1910	<b>Urine FEME (Chemistry &amp; Cell Count)</b>	Fresh Mid Stream Urine sample. Please state if MSU, catheter urine, clean catch or bag specimen.
UPS	1868	<b>Urine Porphyrins</b>	50ml Random Urine. Wrap in foil. Freeze Sample. Provide clinical history
UCH	1451	<b>Urine Microchemistry</b>	50ml Mid Stream Urine
DIZ	5176	<b>Valium (Diazepam)</b>	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
VAL	1281	<b>Valproate (Epilim)</b> Sample Time: Pre-Dose.	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
VMI	1282	<b>Vancomycin</b> Trough Sample Time: Pre-Dose.	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
VMI	1282	Peak Sample Time: Post-Dose.	8ml Plain (Gel-YELLOW). To be taken: minutes after start of 60 minutes infusion OR at completion of extended infusion. State frequency of dose.
VAC	5262	<b>Vancomycin Minimum Inhibitory Concentration (MIC)</b>	MRSA isolate
VAP	6148	<b>Vasoactive Intestinal Peptide</b>	2 x 4ml EDTA (PURPLE) - freeze plasma
VSP	4158	<b>Vasopressin</b>	2 x 4ml EDTA (PURPLE) - freeze plasma
LIS	3426	<b>Very Low Density Lipoprotein (VLDL)</b>	8ml Plain (Gel-YELLOW)
CHC	1230	<b>Vibrio cholera (Culture)</b>	Fresh faecal specimen.
VTA	1055	<b>Vitamin A (Retinol)</b>	8ml Plain (Gel-YELLOW) OR 6ml Lithium Heparin (GREEN) - Freeze serum/plasma, wrap in foil.
VB1	1057	<b>Vitamin B1 (Thiamine)</b>	6ml Lithium Heparin (green). - Freeze full blood, wrap in foil.
VB2	1062	<b>Vitamin B2 (Riboflavin)</b>	4ml EDTA (PURPLE). - Freeze full blood, wrap in foil.
VB6	1063	<b>Vitamin B6 (Pyridoxine)</b>	6ml Lithium Heparin (green). - Freeze full blood, wrap in foil.
B12	1137	<b>Vitamin B12 (Cobalamin)</b>	8ml Plain (Gel-YELLOW)

Panel Code	Schedule Code	Test	Specimen Requirements
VTC	1014	Vitamin C (Ascorbic Acid)	6ml Lithium Heparin (GREEN) OR 8ml Plain (Gel-YELLOW). - Freeze serum/plasma, wrap in foil.
OHD	1020	Vitamin D Total (25 OHD)	8ml Plain (Gel-YELLOW)
VTE	1058	Vitamin E (Tocopherol)	8ml Plain (Gel-YELLOW). - Freeze serum, wrap in foil.
VWF	4159	von Willebrand Factor (VWF)	2 x 4 ml Sodium Citrate (BLUE) - freeze plasma
RIC	1218	Weil-Felix (Rickettsia Ab)	8ml Plain (Gel-YELLOW)
DIF	1502	White Cell Count including 5 part differential	4ml EDTA (PURPLE)
WCC	6678	White Cell Count only	4ml EDTA (PURPLE)
REF		White Cell Enzyme	2 X 4ml EDTA (whole blood). Sample to be collected on Friday. By appointment only.
TYP	1207	Widal Test (Typhoid Antibody)	8ml Plain (Gel-YELLOW)
WWF	6713	Widal / Weil-Felix Test	8ml Plain (Gel-YELLOW)
REF		Worm Identification	Worm Sample
XYE	3950	Xylene	50ml Random Urine - to be collected at end of shift
REF		Yellow Fever	2ml Serum (do not freeze)
ZAR	1410	Zarontin (Ethosuximide)	8ml Plain (Gel-YELLOW). State time / date of last dose & time / date of collection.
ZIK	4877	Zika Virus PCR	Frozen plasma - < 1 week onset / Frozen urine - < 2 weeks onset (at least 1ml).
SZN UZN	1064 2444	Zinc concentration in : Plasma /Serum Urine	8ml Plain (Gel-YELLOW) OR 6ml K2 EDTA (ROYAL BLUE) 24hr urine collection in acid washed bottle. Taken at end of working shift.



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## **INNOQUEST PATHOLOGY SDN. BHD.**

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