Code	Test Description	Specimen	Turn-Around-Time

General Screening Profiles

GSA	**General Screen A** FBC, Blood Film Comment General Biochemistry Screen hs-CRP Urine FEME	5 ml Plain 3 ml EDTA 2 ml Fluoride 20 ml MSU	2
GSB	**General Screen B** FBC, Blood Film Comment General Biochemistry Screen Urine Microalbumun, Creat. & Ratio HbA1c hs-CRP Urine FEME	5 ml Plain 3 ml EDTA 2 ml Fluoride 20 ml MSU	3
GSC	**General Screen C** FBC, Blood Film Comment General Biochemistry Screen Urine Microalbumun, Creat. & Ratio hs-CRP TSH HBs Ag & HBs Ab Urine FEME	5 ml Plain 3 ml EDTA 2 ml Fluoride 20 ml MSU	3
GSD	**General Screen D** FBC, Blood Film Comment General Biochemistry Screen Urine Microalbumun, Creat. & Ratio hs-CRP TSH HBs Ag & HBs Ab HAV IgG *H. pylori* IgG Urine FEME	5 ml Plain 3 ml EDTA 2 ml Fluoride 20 ml MSU	3

Code	Test Description	Specimen	TAT
GS70	**General Screen 70** FBC, Blood Film Comment General Biochemistry Screen Urine Microalbumun, Creat. & Ratio hs-CRP TSH HBs Ag & HBs Ab HIV 1&2 Ab+Ag TP-Ab (reflex RPR if TPAb +ve) AFP CEA Urine FEME	5 ml Plain 3 ml EDTA 2 ml Fluoride 20 ml MSU	3
GS78	**General Screen 78** FBC, Blood Film Comment General Biochemistry Screen Urine Microalbumun, Creat. & Ratio hs-CRP Apo-B & Apo-A1 Homocysteine Iron Status (Iron, Transferrin %) TSH HBs Ag & HBs Ab HIV 1&2 Ab+Ag TP-Ab (reflex RPR ifTPAb +ve) AFP CEA Rheumatoid Factor Urine FEME	2x 5 ml Plain 3 ml EDTA 2 ml Fluoride 20 ml MSU	3

Code	Test Description	Specimen	TAT
GS85M	**General Screen 85(Male)**	2x 5 ml Plain	3
	FBC, Blood Film Comment, ABO	3 ml EDTA	
	General Biochemistry Screen	2 ml Fluoride	
	Urine Microalbumun, Creat. & Ratio	20 ml MSU	
	HbA1c		
	Hs-CRP		
	Apo-B & Apo-A1		
	Homocysteine		
	Iron Status (Iron, Transferrin %)		
	TSH		
	HBs Ag & HBs Ab		
	HAV IgG		
	HIV 1&2 Ab+Ag		
	TP-Ab (reflex RPR if TPAb +ve)		
	AFP		
	CEA		
	PSA *(for male)*		
	Rheumatoid Factor		
	Urine FEME		
GS85F	**General Screen 85(Female)**	2x 5 ml Plain	3
	FBC, Blood Film Comment, ABO	3 ml EDTA	
	General Biochemistry Screen	2 ml Fluoride	
	Urine Microalbumun, Creat. & Ratio	20 ml MSU	
	HbA1c		
	Hs-CRP		
	Apo-B & Apo-A1		
	Homocysteine		
	Iron Status (Iron, Transferrin %)		
	TSH		
	HBs Ag & HBs Ab		
	HAV IgG		
	HIV 1&2 Ab+Ag		
	TP-Ab (reflex RPR if TPAb +ve)		
	AFP		
	CEA		
	CA125 *(for female)*		
	Rheumatoid Factor		
	Urine FEME		

Code	Test Description	Specimen	TAT
GSX5	**General Screen X5** FBC, Blood Film Comment General Biochemistry Screen Urine FEME ***Add any 5 items from below:*** Urine Microalbumun, Creat. & Ratio hs-CRP Iron Status (Iron, Transferrin %) TSH / FT4 / FT3 HBs Ag & HBs Ab HAV IgG HIV 1&2 Ab+Ag TP-Ab (reflex RPR if TP-Ab +ve) Rheumatoid Factor AFP CEA	5 ml Plain 3 ml EDTA 2 ml Fluoride 20 ml MSU	3
GSX8	**General Screen X8** FBC, Blood Film Comment General Biochemistry Screen Urine FEME ***Add any 8 items from below:*** Urine Microalbumun, Creat. & Ratio hs-CRP Iron Status (Iron, Transferrin %) TSH / FT4 / FT3 HBs Ag & HBs Ab HAV IgG HIV 1&2 Ab+Ag TP-Ab (reflex RPR if TPAb +ve) Rheumatoid Factor AFP CEA PSA CA125 CA15-3 CA19-9 *H.pylori* Ab Apo-B & Apo-A1 Homocysteine HbA1c	2x 5 ml Plain 3 ml EDTA 2 ml Fluoride 20 ml MSU	3

Code	Test Description	Specimen	TAT

Optional Tests (Tag-on to any of the screening profiles above):

(must order together with the profile, or within 7 days on the same specimen. Any order after 7 days or on second specimen, consider separate single test)

	Haematology & Anaemia	***Additional Specimen***	
IRS	Iron Status (*Total Iron, Transferrin, TIBC & % Transferrin Saturation)*		3
FER	Ferritin		3
HBE	Hb-Electrophoresis	3 ml EDTA	5
ABO+Rh	ABO & Rh Blood Group		1
	Cardiovascular & Inflammation Markers		
HCY	Homocysteine	(Separate serum a.s.a.p.)	3
APOR	Apo-A1, Apo-B & Ratio		3
HCRP	C-Reactive Protein, high-sensitive		1
ESR	Erythrocyte Sedimentation Rate (ESR)	3 ml EDTA	1
	Diabetes		
A1C	HbA1c		1
	Infections		
HIV	HIV 1&2 Ab + Ag Screen		1
TPAB1	TP-Ab (reflex RPR titter if TP-Ab+)		1
RPR	VDRL (RPR) titter		1
HBS	HBs Ag & Anti-HBs		1
BCG	Hepatitis B core Ab (Anti-HBc)		5
EAG	Hepatitis B envelope Ag (HBe Ag)		3
EAB	Hepatitis B envelope Ab (Anti-HBe)		3
HAV	Anti-HAV (Hep. A immunity)		1
HCV	HCV Ab (Hep. C infection)		2
H1G	HSV Type 1 IgG		4
H2G	HSV Type 2 IgG		4
HPYG	*H. pylori* IgG (Quantitative)		2
UBT4	*H. pylori* ^{14}C-Urea Breath Test	(refer Single Tests for supply of kit)	4
RG	Rubella IgG		2
	Immunology & Serology		
RF	Rheumatoid Factor		1
ACCP	Anti-CCP		5
ATAB	Anti-Thyroglobulin Ab (ATA)		5
TPO	Anti-Thyroid Peroxidase (Anti-TPO)		5

Code	Test Description	Specimen	TAT
	Renal Function		
UMAL	Urine Microalbumin& Creatinine Ratio		1
CYSC	Cystatin C (with eGFR calculation)		5
	Thyroid		
TSH	Thyroid Stimulating Hormone		1
FT4	Free T4		1
FT3	Free T3		1
	Bone Markers, Minerals & Vitamins		
DPD	Deoxypyridinoline-D (DPD) & Rate, Urine		5
CTX	C-Telopeptide Crosslinks (β-CrossLaps)		7
MG1	Magnesium, Serum		5
FOL	Folic Acid (Folate), Serum		5
VDT	Vitamin D (25-OH), Total		5
	Tumour Markers		
AFP	AFP (liver, testis)		2
CEA	CEA (gastrointestinal, lung, breast)		2
FOB	Faecal Occult Blood (colorectal)	Fresh Stool	2
PAP	PAP Smear (cervical)	Cervical Smear	4
PALP	Liquid Based PAP Test	Cervical Sample Kit	4
PSA	PSA (prostate)		2
PSAF	PSA, Free (Ratio if performed PSA)		5
125	CA125 (ovary)		2
153	CA15-3 (breast)		2
199	CA19-9 (pancreas, gastrointestinal, liver)		2
724	CA 72-4 (gastrointestinal, ovary)		5
SCC	SCC Ag (squamous ca in lung, esophagus& uterus)		5
211	CYFRA 21-1 (non-small cell lung)		5
NSE	NSE (small cell lung, neuroblastoma)		5
EBVA	EBV VCA IgA (for NPC)		3
EBNA	EBV NA1 IgA (for NPC)		5
EBEG	EBV EA IgG (for NPC)		5
TMNP	EBV VCA IgA, NA1 IgA & EA IgG		5

Code	Test Description	Specimen	TAT
Optional Tumour Marker Profiles:			
(Tag-on to GSD or GS78 only):			
TMF	**Tumour Markers For Female** 1. AFP 2. CEA 3. CA 125 4. CA 15-3 5. CA 19-9 6. CA 72-4 7. EBV VCA IgA	5 ml Plain	5
TMM	**Tumour Markers For Male** 1. AFP 2. CEA 3. PSA 4. CA19-9 5. CA 72-4 6. EBV VCA IgA	5 ml Plain	5
(Tag-on to GSD, GS70, GS78, GS85, GSX5 or GSX8 only):			
TML	**Tumour Marker For Lung** 1. CYFRA 21-1 2. NSE 3. SCC Ag	5 ml Plain	5

Code	Test Description	Specimen	TAT
GBS	**General Chemistry Screen**	5 ml Plain 2 ml Fluoride	1
	Liver Functions	13. Uric Acid	
	1. Bilirubin, Total	14. Sodium	
	2. Bilirubin, Direct & Indirect(if TBil elevated)	15. Potassium	
	3. Total Protein	16. Chloride	
	4. Albumin	17. Calcium	
	5. Globulin	18. Phosphorus	
	6. A/G Ratio	***Lipids & Cardiovascular Risk***	
	7. Alkaline Phosphates (ALP)	19. Cholesterol, Total	
	8. AST (SGOT)	20. HDL-Cholesterol	
	9. ALT (SGPT)	21. LDL-Cholesterol (direct method)	
	10. γ-GlutamylTranspeptidase (GGT)	22. Triglycerides	
	Renal & Metabolic	23. Total / HDL-Cholesterol Ratio	
	11. Urea	***Diabetes***	
	12. Creatinine	24. Glucose	
FWM	**Foreign Worker Screen – Male**	5 ml Plain	2
	1. HIV 1&2 Ab+Ag	3 ml EDTA	
	2. HBs Ag	20 ml MSU	
	3. Syphilis TP-Ab		
	4. Malaria Parasite		
	5. Morphine / Heroin Derivatives		
	6. Cannabinoids		
	7. Urine FEME		
	8. Blood Group		
FWF	**Foreign Worker Screen – Female**	5 ml Plain	2
	1. HIV 1&2 Ab+Ag	3 ml EDTA	
	2. HBs Ag	20 ml MSU	
	3. Syphilis TP-Ab		
	4. Malaria Parasite		
	5. Morphine / Heroin Derivatives		
	6. Cannabinoids		
	7. Urine FEME		
	8. Blood Group		
	9. Urine Pregnancy Test		

Code	Test Description	Specimen	TAT
ISS	**International Student Screen** 1. HIV 1&2 Ab+AgScreen 2. HBs Ag 3. HCV Ab 4. Syphilis TP-Ab (reflex RPR if +ve) 6. MalariaParasite 7. Amphetamine 8. Morphine / Heroin Derivatives 9. Cannabinoids 10. Urine FEME	5 ml Plain 3 ml EDTA 20 ml MSU	2

Code	Test Description	Specimen	TAT

Cardiovascular

APLS	**Antiphospholipid Syndrome Studies** 1. Anti-phospholipid Ab, total 2. Anti-Cardiolipin IgG 3. Anti-Cardiolipin IgM 4. Lupus Anticoagulant (mixing study)	5 ml Plain 2 x 2 ml Citrate *Stop heparin therapy one day prior to test*	7-14
ATRA	**Atherogenic Risk Profile – A** 1. Total Cholesterol 2. HDL-Cholesterol 3. LDL-Cholesterol (direct method) 4. Triglycerides 5. Total/HDL-Cholesterol Ratio 6. High sensitive CRP (hs-CRP) 7. Homocysteine	5 ml Plain (refrigerated) (separate serum a.s.a.p.)	3
ATRB	**Atherogenic Risk Profile – B** 1. Urea 2. Uric Acid 3. Glucose 4. Total Cholesterol 5. HDL-Cholesterol 6. LDL-Cholesterol (direct method) 7. Triglycerides 8. Total/HDL-Cholesterol Ratio 9. High sensitive CRP (hs-CRP) 10. Homocysteine 11. Apolipoprotein-A1 12. Apolipoprotein-B 13. Apo-B/A1 Ratio	5 ml Plain 2 ml Citrate 2 ml Fluoride (refrigerated) (separate serum a.s.a.p.)	5-7

Code	Test Description	Specimen	TAT
ATRC	**Atherogenic Risk Profile – C** 1. Apolipoprotein-A1 2. Apolipoprotein-B 3. Apo-B/A1 Ratio 4. High sensitive CRP (hs-CRP) 5. Homocysteine 6. Lipoprotein (a)	5 ml Plain (refrigerated) (separate serum a.s.a.p.)	5-7
CDM	**Cardiac Markers - A** 1. AST (SGOT) 2. LDH 3. CK 4. CK-MB (if CK >400U/L)	5 ml Plain	1
CDMB	**Cardiac Markers – B** 1. CK 2. CK-MB (if CK >400U/L) 3. Troponin I (cTnI), rapid	5 ml Plain	1
CRM	**Cardiovascular Risk Markers** 1. High sensitive CRP 2. Troponin I (cTnI), Quantitative 3. NT pro-BNP	5 ml Plain	3-5
LIP	**Lipids Profile** 1. Total Cholesterol 2. HDL-Cholesterol 3. LDL-Cholesterol (direct method) 4. Triglycerides 5. Total / HDL-Cholesterol Ratio	5 ml Plain	1
LEP	**Lipoprotein Electrophoresis** 1. Alpha Lipoproteins 2. Pre-Beta Lipoproteins 3. Beta Lipoproteins 4. Chylomicrons	5 ml Plain	5

Code	Test Description	Specimen	TAT

Endocrinology & Metabolic

ADRE	**Adrenal Evaluation** 1. Aldosterone 2. Cortisol 3. ACTH	5 ml Plain 3 ml EDTA (freeze plasma)	7
AGEA	**Ageing Evaluation - A** 1. IGF-1 2. DHEA-S 3. Cortisol 4. Estradiol (E2) 5. Total Testosterone 6. Insulin 7. TSH 8. FT4 9. FT3	5 ml Plain	7-10
AGEB	**Ageing Evaluation - B** 1. IGF-1 2. DHEA-S 3. Cortisol 4. Estradiol (E2) 5. Total Testosterone 6. SHBG 7. Free Androgen Index 8. Insulin 9. TSH 10. FT4 11. FT3	5 ml Plain	7-14

Code	Test Description	Specimen	TAT
AGEC	**Ageing Evaluation - C** 1. IGF-1 2. DHEA-S 3. Cortisol 4. Estradiol (E2) 5. Total Testosterone 6. SHBG 7. Free Androgen Index 8. Insulin 9. TSH 10. FT4 11. FT3 12.ACTH 13. Prolactin 14. Beta-HCG	2x 5 ml Plain	7-14
ALDS	**Aldosteronism Studies** 1. Aldosterone 2. Renin Activity 3. Aldosterone / Renin Ratio	5 ml Plain 3 ml EDTA (freeze plasma) (Specify patient's posture. Normal sodium intake & stop medication for 2 days)	7
BAM	**Basal Metabolic Proflie** 1.Sodium 2.Potassium 3.Chloride 4.Calcium 5.Urea 6.Creatinine 7.Glucose	5 ml Plain 2 ml Flouride (fasting / non-fasting)	1
BOM	**Bone Markers** 1. C-Telopeptide Crosslinks (CTx) 2. Osteocalcin 3. Procollagen 1 N-Propeptide (P1NP)	2x 3 ml EDTA Plasma (fasting, morning sample)	5-7

Code	Test Description	Specimen	TAT
CAT	**Catecholamine Fractions (by HPLC)** 1. Epinephrine 2. Norepinephrine 3. Dopamine	24 hr Urine (in 10ml HCl or refrigerated) If possible, discontinue all medication prior to specimen collection	7-14
DDA	**Diabetes Diagnostic - A** 1. HbA1c 2. Glucose, fasting 3. Glucose, 2 hr postprandial	3 ml EDTA 2x 2 ml Fluoride - Fasting & 2 hr	2
DDB	**Diabetes Diagnostic - B** 1. HbA1c 2. Glucose 3. C-Peptide	3 ml EDTA 2 ml Fluoride 5 ml Plain	7
DFS	**Diabetic Function Studies** 1. Sodium 2. Potassium 3. Chloride 4. Calcium 5. Urea 6. Creatinine 7. Glucose 8. HbA1c 9. C-Peptide	3 ml EDTA 2 ml Fluoride 5 ml Plain	7

Code	Test Description	Specimen	TAT
DCP	**Diabetic Care Profile** 1. Glucose 2. HbA1c 3. Cholesterol, Total 4. HDL-Cholesterol 5. LDL-Cholesterol (direct method) 6. Triglycerides 7. Total / HDL-Cholesterol Ratio 8. C-Reactive Protein, high-sensitive 9. Urea 10. Creatinine 11. Uric Acid 12. Sodium 13. Potassium 14. Chloride 15. Urine Microalbumin, Creatinine & Ratio	3 ml EDTA 2 ml Fluoride 5 ml Plain 20 ml Urine	2
PRT	**Parathyroid Evaluation** 1. Calcium 2. Phosphate 3. Urea 4. Creatinine 5. Alkaline Phosphatase 6. PTH-Intact	5 ml Plain	7
PIT	**Pituitary Evaluation** 1. FSH 2. LH 3. Prolactin 4. TSH 5. Growth Hormone	5 ml Plain (note time of collection and fasting/stimulation/suppression for GH)	5-10

Code	Test Description	Specimen	TAT
TAS	**Thyroid Autoimmune Studies** 1. TSH (ultra-sensitive) 2. Free T4 3. Free T3 4. Anti-Thyroid Peroxidase (Anti-TPO) 5. Anti-Thyroglobulin Ab (ATAB) 6. TSH Receptor Ab	5 ml Plain	7-10
TFA	**Thyroid Function Tests - A** 1. TSH (ultra-sensitive) 2. Free T4	5 ml Plain	2
TFB	**Thyroid Function Tests - B** 1. TSH (ultra-sensitive) 2. Free T4 3. Free T3	5 ml Plain	2

Code	Test Description	Specimen	TAT

Gynaecology & Reproductive

AME	**Amenorrhoea Studies - A** 1. TSH (ultra-sensitive) 2. Prolactin 3. Follicle Stimulating Hormone (FSH) 4. Luteinising Hormone (LH) 5. Testosterone, Total	5 ml Plain	5
AMEB	**Amenorrhoea Studies - B** 1. TSH (ultra-sensitive) 2. Prolactin 3. Follicle Stimulating Hormone (FSH) 4. Luteinising Hormone (LH) 5. Estradiol (E2)	5 ml Plain	5
AHE	**Androgen Hormons Evaluation** 1. Androstenedione (ASD) 2. Testosterone, Total 3. Testosterone, Free 4. Dihydrotestosterone (DHT) 5. Sex Hormone Binding Globulin (SHBG)	5 ml Plain	10-14
ATB	**Antenatal Screen – B** 1. Hb& RBC indices 2. Blood Group 3. Syphilis TP-Ab (reflex RPR titre if TP-Ab +) 4. HBs Ag 5. Anti-HBs 6. HIV 1&2 Ab+Ag Screen	3 ml EDTA 5 ml Plain	2

Code	Test Description	Specimen	TAT
ATC	**Antenatal Screen – C**	3 ml EDTA	2
	1. Hb& RBC indices	5 ml Plain	
	2. Blood Group		
	3. Syphilis TP-Ab (reflex RPR titre if TP-Ab +)		
	4. HBs Ag		
	5. Anti-HBs		
	6. HIV 1&2 Ab+Ag Screen		
	7. HCV Ab		
	8. Rubella IgG		
ATD	**Antenatal Screen – D**	3 ml EDTA	2
	1. Hb& RBC indices	5 ml Plain	
	2. Blood Group		
	3. Syphilis TP-Ab (reflex RPR titre if TP-Ab +)		
	4. HBs Ag		
	5. Anti-HBs		
	6. HIV 1&2 Ab+Ag Screen		
	7. Rubella IgG		
ATE	**Antenatal Screen – E**	3 ml EDTA	2
	1. Hb& RBC indices	5 ml Plain	
	2. Blood Group		
	3. Syphilis TP-Ab (reflex RPR titre if TP-Ab +)		
	4. HIV 1&2 Ab+Ag Screen		
ATF	**Antenatal Screen – F**	3 ml EDTA	2
	1. Hb& RBC indices	5 ml Plain	
	2. Blood Group		
	3. Syphilis TP-Ab (reflex RPR titre if TP-Ab +)		
	4. HBs Ag		
	5. Anti-HBs		

Code	Test Description	Specimen	TAT
CXC	**Cervical Cancer Risk** 1. Human Papillomavirus (HPV) DNA genotyping 2. Liquid-based PAP Test	Cervical sample by specific collection kit	7
FET	**Fetal Screen (Double Tests)** 1. AFP 2. Beta-hCG, Free 3. Risks Profiling	5 ml Plain -Use specific form. State mother's age, weight, LMP & gestation age.	5
FE1	**Fetal Screen- 1st Trimester Test** 1. PPAP-A 2. βhCG, free 3. NT measurement (by physician) 4. Risk Profiling	5 ml plain Taken between 11-13 Wks of gestation	7
FE4	**Fetal Screen- 2nd Trimester Quadruple Test** 1. AFP 2. βhCG, free 3. uE3 4. Inhibin A 5. Risk Profiling	5 ml Plain Taken between 15-20 Wks of gestation	7
HIR	**Hirsutism Studies** 1. DHEA-S 2. Testosterone, Total (also consider 17-OH-Progestrone)	5 ml Plain	5
IFF	**Fertility Hormonal Studies – Female A** 1. Prolactin 2. FSH 3. LH 4. Progestrone (P4) 5. Estradiol (E2)	5 ml Plain	3

Code	Test Description	Specimen	TAT
IFFB	**Fertility Hormonal Studies – Female B** 1. FSH 2. Progestrone (P4) 3. Prolactin	5 ml Plain	3
IFFC	**Fertility Hormonal Studies – Female C** 1. FSH 2. LH 3. Prolactin	5 ml Plain	3
IFFD	**Fertility Hormonal Studies – Female D** 1. FSH 2. LH 3. Progestrone (P4) 4. Estradiol (E2) 5. Anti-Mullerian Hormone (AMH)	5 ml Plain	7
IFM	**Fertility Hormonal Studies – Male** 1. Prolactin 2. FSH 3. LH 4. Total Testosterone	5 ml Plain	3
MEH	**Menopausal Hormone Studies – A** 1. FSH 2. LH 3. Estradiol (E_2) 4. Prolactin 5. TSH (ultra-sensitive)	5 ml Plain	3
MEHB	**Menopausal Hormone Studies – B** 1. FSH 2. LH 3. Estradiol (E_2)	5 ml Plain	3

Code	Test Description	Specimen	TAT
OFE	**Ovarian Function Evaluation** 1. FSH 2. LH 3. LH/FSH Ratio	5 ml Plain	5
MCS	**Menstrual Cycle Studies** 1. FSH 2. LH 3. Estradiol (E2) 4. Progesterone (P4)	5 ml Plain	5

Code	Test Description	Specimen	TAT
Haematology& Coagulation			
AEA	**Anaemia Studies – A** 1. Full Blood Picture 2. Serum Iron 3. Transferrin 4. TIBC 5. % Transferrin Saturation 6. Ferritin	3 ml EDTA 5 ml Plain	3
AEB	**Anaemia Studies – B** 1. Full Blood Picture 2. Serum Iron 3. Transferrin 3. TIBC 4. % Transferrin Saturation 5. Ferritin 6. Vitamin B12 7. Folic Acid	3 ml EDTA 5 ml Plain	5-7
AEC	**Anaemia Studies – C** 1. Full Blood Picture 2. Vitamin B12 3. Folic Acid	3 ml EDTA 5 ml Plain	5-7
IRO	**Iron Status Evaluation** 1. Serum Iron 2. TIBC 3. Transferrin 4. TIBC 5. % Transferrin Saturation 6. Ferritin	5 ml Plain	5

Code	Test Description	Specimen	TAT
FBC	**Full Blood Count**	3 ml EDTA	1
	1. Haemoglobin (Hb)		
	2. Red Blood Count (RBC)		
	3. Haematocrit (Hct/PCV)		
	4. Mean Corpuscular Volume (MCV)		
	5. Mean Corpuscular Hb (MCH)		
	6. Mean Corpuscular Hb Conc. (MCHC)		
	7. Red Cell Distribution Width (RDW)		
	8. White Blood Count (WBC)		
	9. Differential Count (5 parts)		
	10. Platelet Count (PLT)		
FBPC	**Full Blood Picture with CRP**	3 ml EDTA	1
	1. Full Blood Count	2 ml Plain	
	2. C-Reactive Protein (Qualitative)		
	3. Blood Film Comment		
BFCH	** If Blood film refer to & comment by Haematologist*		3-5
FBP	**Full Blood Picture with ESR**	3 ml EDTA (min. 2 ml)	1
	1. Full Blood Count		
	2. Erythrocyte Sedimentation Rate (ESR)		
	3. Blood Film Comment		
BFCH	** If Blood film refer to & comment by Haematologist*		3-5
THLA	**Thalassaemia Studies – A**	2x 3 ml EDTA	5
	1. Full Blood Picture	5 ml Plain	
	2. Serum Iron		
	3. Transferrin		
	4. TIBC		
	5. % Iron Saturation		
	6. Haemoglobin Electrophoresis		
	7. Interpretation		

Code	Test Description	Specimen	TAT
THLB	**Thalassaemia Studies – B** 1. Full Blood Picture 2. Serum Iron 3. Transfferin 4. TIBC 5. % Iron Saturation 6. Ferritin 7. Haemoglobin Electrophoresis 8. Interpretation	2x 3 ml EDTA 5 ml Plain	5
THLD	**Thalassaemia DNA Analysis (both Alpha & Beta)** (for couples of suspected carrier if MCV <80 & MCH <25) 1. Hb-A2 &Hb-F (by HPLC) 2. Serum Ferritin 3. Genetic detection of abnormalities for both alpha & beta-thalassaemia 4. Interpretation	2x 3 ml EDTA (Cord Blood for neonate) 5 ml Plain	7-14
THLDA	**Thalassaemia DNA Analysis (Alpha, 7 mutations)**	As above	7-14
THLDB	**Thalassaemia DNA Analysis (Beta, 25 mutations)**	As above	7-14
COA	**Coagulation Studies** 1. Platelet Count 2. Prothrombin Time (PT) 3. Activated Partial Thromboplastin Time (APTT)	2 ml Citrate 3 ml EDTA	2
TBPS	**Thrombophilia Screen** 1. Anti-Thrombin III 2. Protein C 3. Protein S	2x 2 ml Citrate (1:9) (double spin, freeze plasma)	14-21

Code	Test Description	Specimen	TAT

Hepatobiliary & Gastrointestinal

AUH	**Autoimmune Hepatitis Serology** 1. Anti-Nuclear Ab (ANA) with pattern 2. Anti-Smooth Muscle Ab 3. Anti-Neutrophil Cytoplasmic Ab (ANCA) with pattern 4. Anti-Liver Kidney Microsomal 1 Ab (Anti-LKM1)	5 ml Plain	7-10
COLS	**Colitis Studies** 1. Stool Culture 2. *C. difficile* Culture & Toxins 3. ANCA & pattern 4. Faecal Occult Blood	Fresh Stool 5 ml Plain	5-10
DIAR	**Diarrhea Studies** 1. Stool Culture 2. Faecal Ova & Parasite 3. Rotavirus Ag	Fresh Stool	3-5
DYSP	**Dyspepsia Studies** 1. Full Blood Count 2. *H. pylori* IgG 3. Amylase 4. Liver Function Tests (also consider Gastrin)	3 ml EDTA 5 ml Plain	3
HBC	**Hepatitis B Carrier Studies – A** 1. AST 2. ALT 3. AFP 4. HBe Ag 5. HBe Ab	5 ml Plain	5

Code	Test Description	Specimen	TAT
HBCB	**Hepatitis B Carrier Studies – B** 1. AST 2. ALT 3. AFP 4. HBs Ag, ***Quantitative*** 5. HBe Ag 6. HBe Ab	5 ml Plain	5
HBS	**Hepatitis B Screening** 1. HBs Ag, Qualitative 2. Anti-HBs	5 ml Plain	2
HBT	**Hepatitis B Treatment Monitoring** 1. AST 2. ALT 3. AFP 4. HBe Ag 5. HBe Ab 6. HBV DNA Viral Load	5 ml Plain	7-10
HCT	**Hepatitis C Treatment Monitoring** 1. AST 2. ALT 3. AFP 4. HCV-RNA Viral Load	5 ml Plain	7-14
HIS	**Hepatitis Immune Status Profile** 1. HBs Ag 2. Anti-HBs 3. Anti-HAV (HAV IgG)	5 ml Plain	2

Code	Test Description	Specimen	TAT
LFT	**Liver Function Test** 1. Bilirubin, Total 2. Bilirubin, Direct & Indirect (if T.Bil elevated) 3. Total Protein 4. Albumin 5. Globulin 6. A/G Ratio 7. Alkaline Phosphates (ALP) 8. AST (SGOT) 9. ALT (SGPT) 10. γ-GlutamylTranspeptidase (GGT)	5 ml Plain	1
MALS	**Malabsorption Studies** 1. Full Blood Count 2. Ferritin 3. Folic Acid, Serum 4. Vitamin B12 5. Calcium 6. Liver Function Tests	3 ml EDTA 5 ml Plain	7
PEP	**Protein Electrophoresis, Serum** 1. Total Protein 2. Albumin 3. Alpha 1 Globulin 4. Alpha 2 Globulin 5. Beta Globulin 6. Gamma Globulin (consider Immunofixation Ep if paraprotein is suspected)	5 ml Plain For Urine, 20 ml FMU (code **UPEP**)	5
VHD	**Viral Hepatitis Diagnostic** 1. Liver Function Tests 2. HAV IgM 3. HBs Ag 4. HBc IgM (If HBs Ag Positive) 5. HCV Ab	5 ml Plain	2-5

Code	Test Description	Specimen	TAT
	Infectious Diseases		
DEN	**Dengue IgG/IgM & FBC**	3 ml EDTA	1
	1. Full Blood Count	5 ml Plain	
	2. Dengue IgG & IgM, rapid test		
DEN1	**Dengue Antigen & FBC**	3 ml EDTA	1
	1. Full Blood Count	5 ml Plain	
	2. Dengue NS1 Antigen		
DEN2	**Dengue Duo Tests**	3 ml EDTA	1
	1. Full Blood Count	5 ml Plain	
	2. Dengue NS1 Antigen		
	3. Dengue IgG & IgM		
FEBA	**Febrile Studies - A**	3 ml EDTA	1
	1. Full Blood Picture with CRP	5 ml Plain	
	2. Malarial Parasites	20 ml Urine	
	3. Widal Test (Thyphoid)		
	4. Weil Felix Test (Typhus)		
	5. Monospot (Infectious Mononucleosis)		
	6. Urine FEME		
FEBB	**Febrile Studies – B**	3 ml EDTA	1
	1. Full Blood Picture with CRP	5 ml Plain	
	2. Malarial Parasites	20 ml Urine	
	3. Widal Test (Thyphoid)		
	4. Weil Felix Test (Typhus)		
	5. Monospot (Infectious Mononucleosis)		
	6. Urine FEME		
	7. Dengue IgG & IgM, rapid		
HIVM	**HIV Monitoring**	3x 3 ml EDTA	7-14
	1. CD4 & CD8 Count	(***Call Lab***. Monday/Tuesday morning only)	
	2. HIV RNA Viral Load (by RT-PCR)		

Code	Test Description	Specimen	TAT	Doctor's Fee
Sexually Transmitted Diseases				
STDA	**STD Studies –A** *(asymptomatic screen)* 1. Syphilis TP-Ab (reflex RPR if Pos) 2. HIV 1&2 Ab+Ag Screen 3. HSV type 1 IgG 4. HSV type 2 IgG 5. *Chlamydia trachomatis* DNA 6. *Neisseria gonorrhoeae* DNA	5 ml Plain Cervical Swab(female) 20 ml FVU (male)	2-5	
STDB	**STD Studies - B** *(with lesions, lymph nodes enlargement)* 1. Syphilis TP-Ab (reflex RPR if Pos) 2. *Treponema pallidum* DNA 3. Herpes simplex virus DNA type 1 & 2	5 ml Plain Swab/ Scraping from lesions	2-5	
STDC	**STD Studies - C** *(with discharge, dysuria)* 1. Gram's Stain for Gonococcus/Candida 2. Wet Mount for Trichomonas 3. Swab C & S, Genital 4. *Chlamydia trachomatis* DNA 5. *Neisseria gonorrhoeae* DNA	2x Genital swab in medium 1x Genital swab, plain 20 ml FVU	2-5	
STDD	**STD Studies - D** *(suspect pelvic inflammatory disease)* 1. C-Reactive Protein, quantitative 2. *N. gonorrhoeae* DNA 3. *Chlamydia trachomatis* DNA 4. Swab C & S, Cervical	5 ml Plain 1x Cervical swab in medium 1x Cervical swab, plain	1-5	
STDE	**STD Studies – E** *(common screening)* 1. Syphilis TP-Ab (reflex RPR if Pos) 3. HIV 1&2 Ab+Ag Screen 4. Hepatitis Bs Ag 5. Hepatitis Bs Ab	5 ml Plain	2	

Code	Test Description	Specimen	TAT
STDF	**STD Studies - F** 1. Syphilis TP-Ab (reflex RPR if Pos) 3. HIV 1&2 Ab+Ag Screen 4. HSV type 1 IgG 5. HSV type 2 IgG 6. *Chlamydiatrachomatis* DNA	5 ml Plain Genital Swab (female) FV Urine (male)	2-5
STDG	**STD Studies - G** 1. Syphilis TP-Ab (reflex RPR if Pos) 3. HIV 1&2 Ab+Ag Screen 4. HSV type 1 IgG 5. HSV type 2 IgG 5. *Chlamydia* IgG	5 ml Plain	2-5
STPA	**STD PCR Profile – A** 1. Human papillomavirus (HPV) DNA genotyping 2. *Chlamydia trachomatis* DNA 3. *Neisseria gonorrhoeae* DNA 4. Herpes simplex type 1 & 2 DNA	 Genital Swab (Female) FVU (Male)	7-14
STPB	**STD PCR Profile – B** 1. Herpes simplex type 1 & 2 DNA 2. *Chlamydia trachomatis* DNA 3. *Neisseria gonorrhoeae* DNA 4. *Treponema pallidum* DNA with SyphilisTP-Ab (reflex RPR if Pos)	 5 ml Plain Genital Swab (Female) FVU (Male)	5-7
STPC	**STD PCR Profile – C** 1. *Mycoplasma hominis* DNA 2. *Mycoplasma genitalium* DNA 3. *Ureaplasma spp.* DNA	Genital Swab(Female) FVU (Male)	5-7

Code	Test Description	Specimen	TAT
STP7	**STD PCR - 7 Agents** 1. Human papillomavirus (HPV) DNA genotyping 2. *Chlamydia trachomatis* DNA 3. *Neisseria gonorrhoeae* DNA 4. Herpes simplex type 1 & 2 DNA 5. *Trichomonasvaginalis* DNA 6. *Candida albicans* DNA 7. *Treponema pallidum* DNA with Syphilis TP-Ab (reflex RPR if +ve)	5 ml Plain Genital Swab (Female) FVU (Male)	7-14
TOR	**TORCH Infection** 1. Toxoplasma IgM 2. Rubella IgM 3. CMV IgM 4. HSV type 1 IgM 5. HSV type 1 IgM 6. TP-Ab (reflex RPR if Pos)	5 ml Plain	3-5
TOS	**TORCH Screen** 1. *Toxoplasma* IgG 2. Rubella IgG 3. CMV IgG 4. HSV type 1 IgG 5. HSV type 2 IgG 6. TP-Ab (reflex RPR if Pos)	5 ml Plain	3
UTI	**Urinary Tract Infection Studies** 1. Urine FEME 2. Gram's Stain 3. Urine C & S	20 ml MSU	2-3

Code	Test Description	Specimen	TAT
	Paediatric		
NNJA	**Neonatal Jaundice Studies A** 1. Bilirubin, total 2. Bilirubin, direct & indirect	1 ml Plain (avoid light)	1
NNJB	**Neonatal Jaundice Studies B** 1. Bilirubin, total 2. Bilirubin, direct & indirect 3. Full Blood Count & Film Comment 4. Coomb's Test, direct	1 ml Plain (avoid light) 1 ml EDTA	1
NNA	**Neonatal Screen A** 1. ABO & Rh Blood Group 2. G6PD Screen 3. TSH	3 ml EDTA 5 ml Plain (Neonate's blood or Cord blood)	1
NNB	**Neonatal Screen B** 1. ABO & Rh Blood Group 2. G6PD Screen 3. TSH 4. SyphillisTP-Ab (reflex RPR if Pos)	3 ml EDTA 5 ml Plain (Neonate's blood or Cord blood)	1
NHS	**Neonatal Health Screen** 1. ABO & Rh Blood Group 2. G6PD (Quantitative) 3. TSH 4. NeonatalIgE(Low range) for Allergy Risk 5. Amino Acid Analysis (22 types) for Inborn Error of Metabolism	3 ml EDTA 5 ml Plain (Neonate's blood or Cord blood)	7-10

Code	Test Description	Specimen	TAT

Renal & Urinary

DIMA	**Dialysis IndicesMonitor – A**	3 ml EDTA	1
	1. Full Blood Count	5 ml Plain (Pre-Dialysis)	
	2. Liver Function Test	3 ml Plain (Post-Dialysis)	
	3. Renal Function Test w Pre & Post Urea		
	4. Calcium w corrected Ca		
	5. Phosphorus		
	6. Iron, total		
	7. Transferrin		
	8. TIBC		
	9. % Transferrin Saturation		
	10. Ferritin		
DIMB	**Dialysis Indices Monitor – B**	3 ml EDTA	2-5
	1. Full Blood Count	5 ml Plain (Pre-Dialysis)	
	2. Liver Function Test	3 ml Plain (Post-Dialysis)	
	3. Renal Function Test w Pre & Post Urea	3 ml Fluoride	
	4. Calcium w corrected Ca		
	5. Phosphorus		
	6. Iron, total		
	7. Transferrin		
	8. TIBC		
	9. % Transferrin Saturation		
	10. Ferritin		
	11. Lipids Profile		
	12. Glucose		
	13. intact-PTH		
	* Consider tag-on:~ Serum Aluminium	3 ml Trace Element	
	~ HbA1c		
	~ Prealbumin		
	~ Erythropoietin		

Code	Test Description	Specimen	TAT
DIAV	**Dialysis Virology Screen** 1. Hepatitis Bs Ag 2. Hepatitis Bs Ab 3. HCV Ab 4. HIV 1&2 Ab+Ag Screen	5 ml Plain	2
GNS	**Glomerulonephritis Serology** 1. Anti-Neutrophil Cytoplasmic Ab (ANCA) with pattern 2. Glomelular Basement Membrane Ab (Anti-GBM) 3. Anti-Nuclear Ab (ANA) with pattern 4. Immunoglobulin A (IgA) 6. Complement C3 7. ASOT, Quantitative	5 ml Plain	7-14
RFT	**Renal Function Test** 1. Urea 2. Creatinine w eGFR 3. Uric Acid 4. Sodium 5. Potassium 6. Chloride	5 ml Plain	1
RFS	**Renal Function Studies** 1. Urea 2. Creatinine w eGFR 3. Uric Acid 4. Sodium 5. Potassium 6. Chloride 7. Albumin 8. Phosphorus 9. Calcium with corrected Ca 10. Urine FEME	5 ml Plain 20 ml MSU	1

Code	Test Description	Specimen	TAT
GFRCY	**Estimated Glomerular Filtration Rate (with Cystatin C)**		5
	1. Serum Creatinine	5 ml Plain	
	2. Serum Cystatin C	(Provide Age, Race &	
	3. eGFRcr-cys (with CKD-EPI 2012 calculation)	Gender)	

***Note:**

MSU = Mid-Stream Urine (Clean Catch Urine)
FMU = First Morning Urine (Early Morning Urine)
FVU = First Void Urine (First Catch Urine – obtain most sediment/cells)

Code	Test Description	Specimen	TAT

Rheumatology, Immunology & Allergy

ART	**Arthritis Studies** 1. Full Blood Count 2. ESR 3. Calcium 4. Phosphorous 5. Uric Acid 6. Creatine Kinase (CK) 7. Rheumatoid Factor 8. Anti-Nuclear Ab (ANA) ***(by IFA)*** 9. C-Reactive Protein 10. ASOT, *Quantitative* 11. TP-Ab (reflex RPR if Pos) (also consider Anti-CCP, Synovial Fluid FEME or HLA-B27)	3 ml EDTA 5 ml Plain	3-5
ARSC	**Arthritis Screen** 1. Full Blood Count 2. ESR 3. C-Reactive Protein 4. Rheumatoid Factor 5. Uric Acid 6. Anti-Nuclear Factor (rapid latex) 7. ASOT (rapid latex)	3 ml EDTA 5 ml Plain	2
ENA	**Extractable Nuclear Antigens Identification (6 subtypes)** 1. RNP Ab 2. Sm Ab 3. SS-A Ab (Ro) 4. SS-B Ab (Lo) 5. Scl-70 Ab 6. Jo-1 Ab	5 ml Plain	5-10

Code	Test Description	Specimen	TAT
IGEV	**Immunoglobulins Evaluation** 1. IgA 2. IgG 3. IgM 4. IgD 5. IgE (also consider Immunofixation Electrophoresis)	5 ml Plain	7
IFE	**Immunofixation Electrophoresis (Serum)** 1. IgA 2. IgG 3. IgM 4. Kappa Light Chain 5. Lambda Light Chain 6. Interpretation	5 ml Plain	10-14
IFEU	**Immunofixation Electrophoresis (Urine/CSF)**	50 ml FMU / 24hr Urine or 10 ml CSF	10-14
LUS	**Lupus Screening** 1. Full Blood Count 2. ESR 3. C-Reactive Protein (rapid latex) 4. Anti-Nuclear Ab (ANA) (by IFA) 5. Anti-dsDNA	5 ml Plain *3 ml EDTA*	7

Code	Test Description	Specimen	TAT
LES	**Lupus Erythematous Studies**	5 ml Plain	7
	1. Full Blood Count	20 ml MSU	
	2. ESR	*3 ml EDTA*	
	3. C-Reactive Protein (rapid latex)		
	4. Albumin		
	5. Urea		
	6. Creatinine		
	7. Creatine Kinase (CK)		
	8. Coombs Test, Direct		
	10. Anti-Nuclear Ab (ANF) (by IFA)		
	11. Anti-dsDNA		
	12. Complement C3		
	13. Complement C4		
	14. Urine FEME		
	(also consider Anti-ENA)		
MCG	**Monoclonal Gammopathy Studies**	5 ml Plain	5
	1. Serum Protein Electrophoresis	20 ml FMU	
	2. Bence-Jones Protein (agglutination)		
	3. Beta-2 Microglobulin, Serum		
	(also consider Serum or Urine Immunofixation Electrophoresis IFE)		
RHES	**Rheumatoid Screen**	5 ml Plain	3-5
	1. Rheumatoid Factor, Quantitative		
	2. Anti-CCP		

Code	Test Description	Specimen	TAT
	Allergy Tests & Profiles:		
AD40	***Blood Allergen Specific IgE Assay – 40 allergens*** For IgE mediated atopic allergy	2 ml Plain (min. 0.2 ml serum)	3-5
AD41	***AD40 plus Total IgE***	2 ml Plain	5

Method: Specific IgE for 40 types of allergens by Microfluidic Immunoassay

AD40 **inclusive of the below 40 types of common allergens**

MOLDS
- m5 *Candida albicans*
- m1 *Penicillium notatum*
- m2 *Cladosporium herbharum*
- m3 *Aspergillus fumigatus*
- m6 *Alternaria alternate*

POLLENS
- g2 *Cynodon dactylon* (bermudagrass)
- g6 Timothy grass
- w1 *Ambrosia elatior* (common ragweed)
- w6 Mugwort, Common
- w12 Goldenrod

FOODS
- f25 Tomato
- f31 Carrot
- f35 Potato, White
- f84 Kiwi
- f47 Garlic
- f13 Peanut
- f14 Soybean
- f4 Wheat
- f20 Almond
- f41 Salmon
- f3 Codfish
- f23 Crab
- f24 Shrimp
- f37 Blue Mussel
- f2 Milk, Bovine
- f300 Milk, Goat
- f81 Cheddar Cheese
- f1 Egg white, Chicken
- f75 Egg Yolk, Chicken
- f45 Yeast baker's

MITES
- d1. *D. pteronyssinus* (house dust mite)
- d2 *D. farinae* (house dustmite)
- d201 *Blomia tropicals* (storage mite)

EPIDERMALS
- e5 Dog dander
- e1 Cat dander
- e85 Chicken feathers & Skin
- e86 Duck feathers & Skin
- i6 Cockroach, German
- i207 Cockroach, Oriental

MISCELLANEOUS
- k82 Latex

Code	Test Description	Specimen	TAT
IGE	**Total IgE** For allergy screening, but low sensitivity and specificity for atopic allergy.	5 ml Plain	5
IGEC	**Total IgELow Range (Neonatal)** Low range detection, for allergy risk in neonate.	3 ml EDTA Cord Blood (Plasma)	5
ECP	**Eosinophil Cationic Protein** For asthma monitoring	5 ml Plain	5
PHAD	**Phadiatop** To differentiate between atopic and non-atopic patients. Results indicate probability for atopy. A negative result indicates that the symptoms are not caused by common environmental allergens, and the physician may explore other possibilities. Sensitivity: 93%, Specificity: 89%	5 ml Plain	5-7
fx2	**fx2 Sea Food Mix** Fish, shrimp, blue mussel, tuna, salmon	5 ml Plain	7
fx3	**fx3 Grain Mix** Wheat, Oat, Maize, Sesame seed, Buckwheat	5 ml Plain	7
fx5	**fx5 Common Food Mix** Egg white, milk, fish, wheat, peanut, soya bean	5 ml Plain	7
fx7	**fx7 Vegetable Mix** Tomato, Yeast, Garlic, Onion, Celery	5 ml Plain	7
fx8	**fx8 Nut & Fruit Mix** Hazel nut, Brazil nut, Orange, Apple, Cacao	5 ml Plain	7
Fx9	**fx9Nut &Fruit Mix** Almond, Kiwi, Melon, Banana, Grape	5 ml Plain	7
fx10	**fx10 Meat Mix** Pork, Beef, Egg yolk, Chicken, Turkey	5 ml Plain	7
fx30	**fx30 Fruit Mix** Kiwi, Mango, Banana, Avocado, Papaya	5 ml Plain	7
hx2	**hx2 House Dust Mix** House dust (Hollister-Stier Labs), *D. pteronyssinus, D. farina, Batellagermanica*	5 ml Plain	7
ex2	**ex2 Animal Epidermal Mix** Cat dander, Dog dander, Guinea pig epithelium, Rat, Mouse	5 ml Plain	7
mx2	**mx2 Microorganisms Mix** *Penicilliumnotatuma, Cladosporiumherbarum, Aspergillus fumigates, Candida albicans, Alternariatenius, Helminthosporiumhalodes*	5 ml Plain	7

Code	Test Description	Specimen	TAT

Specific IgE for Individual Allergen:

Single Allergen	5 ml Plain	7-14*
Combination of any 7 types of Allergen	5 ml Plain	7-14*

Choose from any allergen below. *TAT may be delayed depends on availability of reagent stock. ***Call Lab****for availability on the list below or any other allergens.*

Code		Code	
	MITES & HOUSE DUST		***MICROORGANISMS***
d1	*D. pteronyssinus*(House dust mite)	m1	*Penicilliumnotatuma*
d2	*D. farinae* (House dust mite)	m2	*Cladosporiumherbarum*
d201	*Blomiatropicalis*(Storage mite)	m3	*Aspergillusfumigatus*
h1	House Dust (Greer Labs)	m5	*Candida albicans*
	INSECTS	m6	*Alternariatenius*
i6	Cockroach		***POLLENS***
	EPIDERMALS & ANIMAL PROTEINS	w1	Common ragweed
e1	Cat dander	g2	Bermuda grass
e5	Dog dander	g6	Timothy grass
e85	Chicken feathers	t7	White Oak
	FOODS		
f1	Egg White	f27	Beef
f2	Cow Milk	f33	Orange
f3	Fish (Cod)	f45	Yeast
f4	Wheat	f47	Garlic
f7	Oat	f48	Onion
f8	Maize, corn	f49	Apple
f10	Sesame seed	f75	Egg yolk
f11	Buckwheat	f83	Chicken
f13	Peanut	f84	Kiwi
f14	Soybean	f85	Celery
f17	Hazel nut	f87	Melon
f18	Brazil nut	f91	Mango
f20	Almond	f92	Banana
f23	Crab	f93	Cacao (Cocoa)
f24	Shrimp	f259	Grape
f25	Tomato	f284	Turkey meat
f26	Pork		

Code	Test Description	Specimen	TAT
AG90	**Specific IgG for 90 types of Food**	5 ml Plain	5-7

90 allergens of IgG mediated delayed food hypersensitivity

Dairy/Egg
Cow's Milk
Goat's Milk
Cheddar Cheese
Yogurt
Egg White
Egg Yolk

Sea Food
Abalone
Cod
Crab
Clam
Cuttlefish
Eel
Kelp
Oyster
Salmon
Sharks Fin
Shrimp
Tuna

Nuts/Grains
Buckwheat
Gluten/Wheat
Bran
Corn
Rice
Oat
Wheat
Adlay
Kidney Bean
Mung Bean
Soya Bean
Sunflower seed
Almond
Walnut
Sesame Seed
Cocoa bean
Peanut

Fruits
Apple
Banana
Grape
Grapefruit
Guava
Kiwi Fruit
Lemon
Longans
Mango
Olive
Orange
Papaya
Peach
Pear
Pineapple
Cherry
Strawberry
Watermelon
Coconut
Avocado

Vegetables
Asparagus
Bamboo Shoots
Broccoli
Cabbage
Carrot
Cauliflower
Celery
Cucumber
Eggplant
Green onion
Leek
Lettuce
Onion
Peas
Peppers
Potato
Spinach
String Bean
Sweet Potato
Taro
Tomato
Mushroom

Meats
Beef
Chicken
Lamb
Pork
Duck

Others
Chilli Pepper
Garlic
Ginger
Pepper
Yeast
Honey
Vanilla
Coffee
Tea

Code	Test Description	Specimen	TAT
	Tumour Markers		
TMBR	**Tumour Markers - Breast** 1. CA 15-3 2. CEA 3. Tissue Polypeptide Ag (TPA)	5 ml Plain	10
TMCX	**Tumour Markers - Cervical** 1. SCC Ag 2. CEA (consider CXC Cervical Cancer Risk profile for screening)	5 ml Plain	5
CXC	**Cervical Cancer Risk** 1. HPV DNA genotyping 2. Liquid-based PAP Test	Cervical sample by specific collection kit	7
TMCP	**Tumour Markers - Colorectal** 1. CEA 2. CA 19-9 3. CA 72-4 4. Faecal Occult Blood (human-Hb specific)	5 ml Plain Fresh Stool	5
TMLI	**Tumour Markers - Liver** 1. AFP 2. CEA	5 ml Plain	2
TMLS	**Tumour Markers - Lung (Small Cell)** 1. NSE 2. CEA 3. Calcitonin	5 ml Plain	10
TMLN	**Tumour Markers - Lung (Non-Small Cell) &Esophagus** 1. CYFRA 21-1 2. SCC Ag	5 ml Plain	5

Code	Test Description	Specimen	TAT
TMNE	**Tumour Markers - Neuroblastoma** 1. Catecholamine Fractions 2. Homovanillic Acid (HVA) 3. Vanillylmandelic Acid (VMA) 4. Neuron-Specific Enolase (NSE)	24 hr Urine (in 10 ml HCl) 5 ml Plain	7-14
TMNP	**Tumour Markers - Nasopharyngeal** 1. EBV VCA IgA 2. EBV NA1 IgA 3. EBV EA IgG	5 ml Plain	5-7
TMOV	**Tumour Markers - Ovary** 1. CA 125 2. CEA 3. CA 72-4	5 ml Plain	7
TMPR	**Tumour Markers - Prostate** 1. PSA, total 2. PSA, free 3. Total/Free PSA Ratio 4. Acid Phosphatase, Prostatic	5 ml Plain	5
TMST	**Tumour Markers – Stomach & Pancreas** 1. CA 72-4 2. CEA 3. CA 19-9	5 ml Plain	5
TMTE	**Tumour Markers - Testis** 1. AFP 2. β-hCG	5 ml Plain	5
TMTH	**Tumour Markers - Thyroid** 1. Thyroglobulin 2. Calcitonin 3. CEA	5 ml Plain	10