

WOODLANDS LIMITED MEDICAL LABORATORY SCOPE OF TESTING

*Note: Tests denoted with asterisks (**) are ISO 15189 Accredited*

No.	Test Name	Turnaround Time (TAT)
CLINICAL CHEMISTRY		
1	Liver Function Test (LFT's) <i>(Alkaline Phosphatase, ALT, AST, GGT, Bilirubin Total & Direct, Albumin, Protein Total, Globulin, Albumin/ Globulin Ratio)</i>	120 minutes
2	Alanine Amino Transferase (ALT/SGPT)	120 minutes
3	Aspartate Amino Transferase (AST/SGOT)	120 minutes
4	Alkaline Phosphatase	120 minutes
5	Albumin	120 minutes
6	Amylase	120 minutes
7	Gamma-Glutamyl Transpeptidase (GGT)	120 minutes
8	Bilirubin - Direct	120 minutes
9	Bilirubin - Total	120 minutes
10	Serum Proteins <i>(Total Protein, Albumin, Globulin, A/G Ratio)</i>	120 minutes
11	Kidney Function Test (KFT's) <i>(BUN, Serum Creatinine, Electrolytes)</i>	120 minutes
12	Blood Urea Nitrogen (BUN)	120 minutes
13	Serum Creatinine **	120 minutes Results of specimens requested for CT scan will be reported within 60 minutes of receipt in the laboratory.
14	Estimated Glomerular Filtration Rate (eGFR)	120 minutes
15	Serum Electrolytes <i>(Sodium, Potassium, Chloride)</i>	120 minutes
16	Urine Electrolytes <i>(Sodium, Potassium, Chloride)</i>	120 minutes
17	Lipid Profile <i>(Cholesterol Total, Triglyceride, HDL Cholesterol, LDL Cholesterol, VLDL Cholesterol, Coronary Risk)</i>	120 minutes
18	Cholesterol Total	120 minutes
19	Triglyceride	120 minutes
20	Glycohaemoglobin test (HbA1c) **	120 minutes
21	Lactate Dehydrogenase (LDH)	120 minutes

No.	Test Name	Turnaround Time (TAT)
22	Creatinine Kinase (CK)	120 minutes
23	Calcium	120 minutes
24	Uric Acid	120 minutes
25	Magnesium	120 minutes
26	Phosphorous	120 minutes
27	CK-MB	120 minutes
28	Blood Glucose (RBS, FBS, 1 Hour PPS, 2 Hours PPS)	120 minutes
29	Glucose Tolerance Test (GTT)	Results will be reported 30 – 45 minutes after completion of tolerance test
30	Urine Micro-Albumin (Albumin, Creatinine, Alb/Creat Ratio)	120 minutes
31	Urine Protein (Random/ 24 Hours)	120 minutes
32	Urine Creatinine (Random/ 24 hours)	120 minutes
33	Protein: (C.S.F & Body Fluids: (Pleural fluid, Peritoneal fluid (Ascites fluid) & Pericardial fluid)	120 minutes
34	Glucose: (C.S.F & Body Fluids: (Pleural fluid, Peritoneal fluid (Ascites fluid) & Pericardial fluid)	120 minutes
35	Blood Gases (Arterial/ Venous)	All specimens handled as STAT.
HAEMATOLOGY		
36	Complete Blood Count (CBC) ** <i>(Total WBC, RBC, Hgb, HCT/PCV, MCV, MCH, MCHC, RDW, MPV, PLT, Neutrophil, Lymphocyte, Monocyte, Eosinophil, Basophil)</i>	90 minutes
37	WBC & Differential	90 minutes
38	Platelet Count	90 minutes
39	Erythrocyte Sedimentation Rate (ESR)	90 minutes
40	Reticulocyte Count	90 minutes
41	Coagulation Profile <i>(BT, CT, PT/INR, aPTT)</i>	90 minutes
42	Bleeding Time (BT)	60 minutes
43	Clotting Time (CT)	60 minutes
44	Prothrombin Time (PT)	60 minutes
45	International Normalised Ratio (INR)	60 minutes
46	Partial Thromboplastin Time (aPTT)	60 minutes

No.	Test Name	Turnaround Time (TAT)
47	D-Dimer	60 minutes
48	Blood Group	90 minutes
49	Blood Film	90 minutes
50	Sickle Cell	24 hours
51	Direct Antiglobulin Test (DAT)	90 minutes
52	Indirect Antiglobulin Test (IAT)	90 minutes
53	Compatibility Testing (Crossmatching)	90 minutes
54	Cell Count (C.S.F & Body Fluids)	90 minutes
ENDOCRINOLOGY		
55	Alpha-Feto Protein (AFP)	24 Hours
56	Cancer Antigen (CA) 125	24 Hours
57	Carcinoembryonic Antigen (CEA)	24 Hours
58	Cancer Antigen (CA) 19-9	24 hours
59	Cancer Antigen (CA) 15-3	24 hours
60	Estradiol (E2)	24 hours
61	Follicle Stimulating Hormone (FSH)	24 hours
62	Luteinizing Hormone (LH)	24 hours
63	Prolactin (PRL)	24 hours
64	Progesterone (PRG)	24 hours
65	Total Testosterone (TES)	24 hours
66	Total Prostate Specific Antigen (PSA) **	24 Hours
67	Thyroid Stimulating Hormone (TSH) **	24 Hours
68	Free Triiodothyronine (FT3)	24 hours
69	Free Thyroxine (FT4)	24 hours
70	Thyroid Function Test (TFT's) (TSH, FT3, FT4)	24 hours
71	Troponin I	STAT test: 60 minutes
72	NT-ProBNP (Brain-Type Natriuretic Peptide)	STAT Test: 60 minutes
73	Ferritin	24 hours
74	Vitamin B12	24 hours
75	Unconjugated Estriol (uE3)	24 hours
76	Anti-Mullerian Hormone (AMH)	24 hours

No.	Test Name	Turnaround Time (TAT)
77	Cortisol	24 hours
78	Vitamin D	24 hours
79	Human Chorionic Gonadotropin (Beta hCG)	24 hours
80	Helicobacter pylori (H. pylori)	24 hours
81	C-Peptide	24 hours
82	Insulin	24 hours
83	Herpes Simplex Virus I & II	24 hours
84	Procalcitonin	STAT Test: 60 minutes
85	Toxoplasma gondii Antibody IgG & IgM	24 hours
UROLOGY/ PARASITOLOGY		
86	Urine Microscopy	90 minutes
87	Urine Sugar & Protein	90 minutes
88	Urinalysis (U/A)	90 minutes
89	Cocaine	90 minutes
90	Marijuana	90 minutes
91	Drug Screen Test (5 Panel)	90 minutes
92	Drug Screen Test (10 Panel) **	90 minutes
93	Urine Pregnancy Test (hCG)	90 minutes
94	Breath Alcohol Test	90 minutes
95	Semen Analysis	90 minutes
96	Artificial Insemination (AI) sample preparation	90 minutes
97	Ova, Cyst or Parasite (OCP)	90 minutes
98	Occult Blood	90 minutes
99	Urethral Smear	90 minutes
100	Vaginal Smear	90 minutes
SEROLOGY		
101	Anti-Streptolysin O (ASO) Test	90 minutes
102	C- Reactive Protein (CRP)	90 minutes
103	Rheumatoid Factor (RF)	90 minutes
104	Dengue	90 minutes
105	Hepatitis A	90 minutes
106	Hepatitis B Surface Antigen (HBsAg)	90 minutes

No.	Test Name	Turnaround Time (TAT)
107	Hepatitis C	90 minutes
108	Human Immunodeficiency Virus (HIV 1&11)	90 minutes
109	Leptospirosis	90 minutes
110	Rapid Malaria Test	90 minutes
111	Malaria Smear	90 minutes
112	Microfilaria	90 minutes
113	Typhoid (Tubex / Widal)	90 minutes
114	Rapid H. pylori	90 minutes
115	Rapid Plasma Reagin (RPR)	90 minutes
116	Chikungunya	90 minutes
117	Chlamydia	90 minutes
118	Gonorrhea/Chlamydia (PCR)	3 Hours
119	Urea Breath Test (UBT) for H. pylori	90 minutes
120	Covid-19 Antibody	90 minutes
121	Covid-19 Antigen (Rapid)	90 minutes
122	Covid-19 Antigen (PCR)	3 Hours
123	Antinuclear Antibody (ANA) Panel	Mondays, Wednesdays, Fridays
124	Inhalation & Food Allergy Test	Mondays, Wednesdays, Fridays
125	TPHA (<i>Treponema Pallidum Hemoagglutination Test</i>)	Following day at 2 pm
126	Viral Respiratory Panel (Flu) (<i>SARS-COV-2 (Cov-19), Influenza - A (Flu A), Influenza - B (Flu B), Respiratory Syncytial Virus (RSV), Adenovirus (ADV)</i>)	45 minutes
127	DNA Testing for Paternity & Legal Purposes	10 working days
MICROBIOLOGY		
128	Acid Fast Bacilli - Sputum & Body Fluids (AFB)	Following day at 2 pm
129	Culture & Sensitivity (Vaginal/ Urethral swabs, Pus, Ear, Nose, Throat swabs, Wound, Eye, Blood, Urine, Aspirates, Body Fluids, C.S.F, Sputum, Stool)	All cultures except Blood Culture: 3-5 Days Blood Culture: 10-14 Days
130	Group B Screening	3 – 5 Days
131	<i>Mycobacterium tuberculosis</i> (MTB) / Rifampicin (RIF)	3 Hours
132	Mantoux	After 2-3 days (48-72 Hours)

No.	Test Name	Turnaround Time (TAT)
PACKAGES		
133	Antenatal (with 1 hour PPS) <i>(Hb/ PCV, Blood Group, RPR, HIV I&II, Hepatitis B, 1 hour PPS, Urine microscopy, Urine culture)</i>	3 – 5 Days
134	Antenatal (with RBS) <i>(Hb/ PCV, Blood Group, RPR, HIV I&II, Hepatitis B, RBS, Urine microscopy, Urine culture)</i>	3 – 5 Days
135	Triple Test (Down’s Syndrome Package) <i>(Beta-hCG, APF, Unconjugated Estriol)</i>	24 hours
136	Basic Cardiac Checkup Package <i>(Lipid Profile, Blood Sugar Test, Serum Creatinine, Haemoglobin (Hb), ECG, Echocardiogram, Blood Pressure, BMI, Consultation)</i>	4 hours
137	Standard Cardiac Checkup Package <i>(Lipid Profile, Blood Sugar Test, KFT, CBC, ECG, Echocardiogram, Consultation)</i>	4 hours
138	Executive Cardiac Checkup Package <i>(Lipid Profile, Blood Sugar Test, KFT, LFT, HbA1c, CBC, ECG, Echocardiogram, Stress Test, Ambulatory Blood Test, Blood Pressure Test, Consultation)</i>	4 hours
139	General Health Checkup Package <i>(CBC, Lipid Profile, LFT, KFT, HbA1c, Urinalysis, Chest X-Ray, ECG, Blood Pressure & BMI)</i>	4 hours
140	Diabetes Screening Package <i>(Lipid Profile, Blood Sugar Test, HbA1c, KFT, Urinalysis)</i>	4 hours
141	Basic Kidney Screening Package <i>(KFT, Urinalysis, Kidney ultrasound)</i>	4 hours
142	Advanced Kidney Screening Package <i>(KFT, Urinalysis, Urine micro-albumin, HbA1c, Kidney ultrasound)</i>	4 hours
143	Women’s Health Package: Age Group – 20’s <i>(Blood Sugar Test, CBC, Pelvic Ultrasound, Papsmear, Consultation with OBGYN)</i>	4 hours
144	Women’s Health Package: Age Group – 30’s <i>(Blood Sugar Test, CBC, Lipid Profile, Pelvic Ultrasound, Papsmear, Consultation with OBGYN)</i>	4 hours
145	Women’s Health Package: Age Group – 40’s & 50’s <i>(HbA1c, CBC, Lipid Profile, Pelvic Ultrasound, Breast and Axila Ultrasound, Papsmear, Consultation with OBGYN)</i>	4 hours
146	Women’s Health Package: Age Group – 60’s & Over <i>(HbA1c, CBC, Lipid Profile, Vitamin D, Pelvic Ultrasound, Breast and Axila Ultrasound, Papsmear, Consultation with OBGYN)</i>	4 hours
147	Food Handlers Certificate <i>(RPR, Stool OCP/Culture)</i>	3 – 5 Days

No.	Test Name	Turnaround Time (TAT)
148	PCOS Package <i>(Thyroid Function Test (TFT), Insulin, Vitamin D, C-Peptide, HbA1c)</i>	24 hours
149	STI Package <i>(HIV, RPR, Hepatitis B, Hepatitis C, Chlamydia, Vaginal/Urethral smear, Urinalysis)</i>	4 hours
150	Blood Transfusion (For Dialysis Patients) <i>(Cross-matching, Handling Charges, Transportation Cost)</i>	4 hours
151	<p>OGUK Medicals:</p> <p>Basic <i>(Complete history, Complete physical examination, Vision test, ENT Consultation, Audiometry, Spirometry, Urinalysis, Doctor;s consultation & Report)</i></p> <p>Common <i>(Complete history, Complete physical examination, Vision test, ENT Consultation, Audiometry, Spirometry, ECG, Chest x-ray with report, Urinalysis, 10-Panel drug screening, Doctor's consultation and report.)</i></p> <p>Comprehensive <i>(Complete history, Complete physical examination, Vision test, ENT Consultation, Audiometry, Spirometry, ECG, Chest x-ray with report, Urinalysis, 10-Panel drug screening, CBC, Lipid Profile, LFT, Stool Culture, Doctor's consultation and report.)</i></p>	4 hours