

Indian Institute of Information Technology Allahabad

List of Pathological Tests undertaken at Institute Health Centre

Sl. No.	Category -wise Test Name	Type of test	Ref Values & Unit
Urine Examination			
1.	Physical Exam -Reaction	Manual	Acidic
2.	Physical Exam - Colour	Manual	Pale Yellow
3.	Physical Exam -Turbidity	Manual	Detect/ Not Detect
4.	Physical Exam -Deposits	Manual	Present/ Absent
5.	Chemical Exam -Sugar	Manual by strip	Present/ Absent
6.	Chemical Exam -Protein	Manual by strip	Present/ Absent
7.	Microscopic Exam-Pus Cells	Manual	0-5 WBC / hpf
8.	Microscopic Exam-Epithelial Cells	Manual	0-5
9.	Microscopic Exam-Red Blood Cells	Manual	Nil/ Not Detect
10.	Microscopic Exam-Crystals	Manual	Nil/ Not Detect
11.	Microscopic Exam- Cast	Manual	Nil/ Not Detect
12.	Pregnancy Test	Card Based	Negative
Haematology			
13.	Haemoglobin	Manual	12.00-16.00 gm % (Male) 12.00-15.00 gm % (Female)
14.	Total WBC Count	Manual	4000-10000 Cell/mm ³
15.	Diff. WBC Count – Polymorphs	Manual	40-80 %
16.	Diff. WBC Count- Lymphocytes	Manual	20-40 %
17.	Diff. WBC Count – Eosinophils	Manual	1-6 %
18.	Diff. WBC Count -Monocytes	Manual	2-10 %
19.	Diff. WBC Count – Basophils	Manual	< 2 %
20.	AEC	Manual	
21.	E.S.R (Wintrobe) (in 1 hour) F=0-20 MM, M=0-15 MM	Manual	0-15 mm in Hr. (Male) 0-20 mm in Hr. (Female)
22.	Platelet Count	Manual	1.5 - 4.10 Th/Cumm
23.	M.P Card Test	Card (J. Mitra)	Negative
24.	Australia Antigen	Card	Negative
25.	HCV (Hepatitis C Virus)	Card (Tridot)	Negative
26.	Rheumatoid Factor	Manual	Negative
27.	CRP (C Reactive Protein)	Manual	Negative
28.	Blood Group	Manual	O, A, B, AB
29.	Rh ANTI D	Manual	
30.	M.P Test	Manual	Absent
31.	Typhoid Card Test	Card (J. Mitra)	Negative
32.	VDRL	Card	Non-Reactive
33.	HIV I	Card (Tridot)	Negative
34.	HIV II	Card (Tridot)	Negative
35.	Dengue: Antigen NSI	Card (J. Mitra)	Negative
36.	Dengue: IgM	Card (J. Mitra)	Negative
37.	Dengue: IgG	Card (J. Mitra)	Negative
38.	GBP	Manual	
Biochemical			
39.	Blood Glucose Fasting	By Biochemistry Analyser- Spectra KT+	70 - 100 mg/dl
40.	Blood Glucose Postprandial		70 -140.00 mg/dl
41.	Blood Glucose Random		70 -140.00 mg/dl
42.	Serum Urea		14.9-38.5 mg/dL
43.	Serum Creatinine		0.6 -1.1 mg/dl

44.	Serum Uric Acid	By Biochemistry Analyser- Spectra KT+	2.4 - 5.7 mg/dl
45.	Total S. Bilirubin		< 1 mg/dl
46.	SGPT		10 – 65 U/L
47.	SGOT		10 - 40 U/L
48.	S. Total Protein		6 - 8.3 g/dl
49.	S. Albumin		3.4 – 5.0 g/dl
50.	S. Globulin		2.5-3.8 g/dl
51.	S. Alkaline Phosphatase		50 -136 U/L
52.	S. Calcium		8.5-10.1 mg/dl
53.	S. Triglycerides		< 150 mg/dl
54.	S. Cholesterol		<200 mg/dl
55.	S.HDL		> 50 mg/dl
56.	S.LDL		< 100mg/dl
57.	S.VLDL		<30mg/dl

Shri Vinod Pathak - {LAB.TECHNICIAN}
Sampling Timing: 7:30 AM TO 3:30 PM {SUNDAY OFF}

Tests are conducted only upon written prescription of Doctors