

DR MUKHTAR LABORATORIES

where integrity and accuracy meet

DR. MUKHTAR AHMAD
ASSISTANT PROFESSOR
MBBS, DCP
M.PHIL CHEMICAL PATHOLOGY
M.PHIL HEMATOLOGY

Patient's Name:
Age / Sex:
Husband / Father Name:
Address :

Date:
Specimen:
Contact Number:
Consultant :

HEAMATOLOGY REPORT:

Tests	Normal Range	Unit	Results
BLOOD COMPLETE COUNT			
Heamoglobin	M14-18 F12-16	g/dl	
WBC (TLC)	4.0-11.0	$\times 10^3/\mu\text{L}$	
Total RBC	M4.7-6.1 F4.2-5.4	$\times 10^6/\mu\text{L}$	
HCT	35.0- 55.0	%	
MCV	75.0- 100.0	fL	
MPV	6.50-11.00	μm^3	
MCH	25-35	pg	
MCHC	30-38	%	
Platelets	150-450	$\times 10^3$	
DIFFERENTIAL LEUKOCYTE COUNT			
Neutrophils	35-70	%	
Lymphocyte	15-45	%	
Monocytes	02-10	%	
Eosinophils	4-10	%	

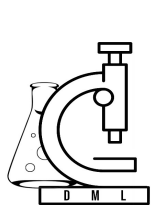
LIVER FUNCTION TEST

Tests	Normal Range	Unit	Results
Bilirubin	0.5 - 1.1	mg/dl	
ALT (SGPT)	5-42	U/L	
AST (SGOT)	5 – 40	U/L	
Alkaline Phosphate	65 – 306	U/L	

RENAL FUNCTION TEST

Tests	Normal Range	Unit	Results
Blood Urea	15-50	mg/dl	
Serum Creatinine	0.2-1.3	mg/dl	

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LIPID PROFILE

Tests	Normal Range	Unit	Results
Cholesterol	100-220	mg/dl	
Triglycerides	80-150	md/dl	
HDL	35-55	mg/dl	
LDL	upto 150	mg/dl	

MALARIAL PARASITE REPORT

Tests	Normal Range	Unit	Results
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P. Falciparum

TYPHIDOT REPORT

Tests	Results
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IgG

IgM

IgM Positive only : Acute Typhoid Fever

IgG Positive Only : Re-infection or previous infection

IgM & IgG Positive : Acute Typhoid Fever (Middle Stage)

IgM & IgG Negative : Probably not Typhoid

RHEUMATOID FACTOR

Tests	Results
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RA Factor

URIC ACID REPORT

Tests	Normal Range	Unit	Results
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Uric Acid M3.4 - 7.0 F2.4 - 5.7 mg/dL

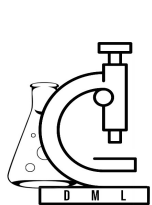
BLOOD GROUP & RH FACTOR REPORT

Tests	Results
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Blood Group

Rh Factor

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CHOLESTEROL REPORT

Tests	Normal Range	Unit	Results
Cholesterol	≈200	mg/dl	

COMPLETE URINE ANALYSIS REPORT

Tests	Normal Range	Unit	Results
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Color

Turbidity

Deposit

Sp. Gravity

CHEMICAL EXAMINATION

Ph

Leukocyte

Nitrite

Protien

Glucose

Ketones

Urobilinogen

Bilirubin

Blood

MICROSCOPIC EXAMINATION

Pus Cells

/HPF

Epithelial Cells

/HPF

RBC

/HPF

Crystals

/HPF

Casts

/HPF

Amorphous

/HPF

Yeast Cells

/HPF

Bacteria

/HPF

VIRAL HEPATITIS REPORT

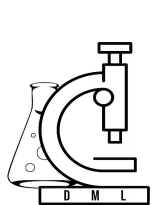
Tests	Results
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HBsAg

Anti-HCV

This is only a Qualitative test, In case of a positive result, a Quantitative PCR is advised.

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SERUM CALCIUM REPORT

Tests	Normal Range	Unit	Results
S. Calcium	8.6 - 10.2	mg/dl	

HELICOBACTER PYLORI REPORT

Tests	Results
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H. Pylori

BLOOD GLUCOSE

Tests	Unit	Results
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Blood Glucose mg/dl

Normal Ranges

Blood Glucose (Fasting) 90 - 126 mg/dl

Blood Glucose (Random) 126 - 200 md/dl

In Case of Deranged Values, Get a HBA1c done.

HEAMOGLOBIN REPORT

Tests	Normal Range	Unit	Results
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Heamoglobin M14-18 F12-16 g/dl 8

For Complete Blood Count and to check for infections, Get a CBC Done.

SERUM AMYLASE

Tests	Normal Range	Unit	Results
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S. Amylase Less than 120 U/L

SERUM LIPASE

Tests	Normal Range	Unit	Results
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S. Lipase Upto 140 U/L

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SEMEN ANALYSIS:

Tests	Normal Values	Units	Result
PHYSICAL EXAMINATION:			
Volume	1.5-6.0	ml	
Consistency	Thick, Viscous		
Colour	Creamy White		
Liquification Time	Less than 30	minutes	
MICROSCOPIC EXAMINATION:			
Sperm Count	60-150	millions/ml	
Motility @ 30 min:			
Active	Above 70		
Sluggish			
Dead			
Motility @ 90 min:			
Active	Above 70		
Sluggish			
Dead			
Forward Progress			
Morphology:			
Normal	Above 70%		
Abnormal	Less than 30%		
Pus Cells	0-10	/HPF	
Red Blood Cells	0-1	/HPF	
Epithelial Cells	1	/HPF	
Conclusion			

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