

Patient Name: Mr. Dummy
Referred By: Dr. Self
Reg. no. 1024
Collected on: 14/05/2021

Age / Sex: 23 YRS / M
Date: 14/05/2021
UHID:
Reported on: 14/05/2021 03:03 PM



HAEMATOLOGY
COMPLETE BLOOD COUNT (CBC)

TEST	VALUE	UNIT	REFERENCE
Hemoglobin	14	g/dl	13 - 17
Total Leukocyte Count	H 12,000	cumm	4,000 - 11,000
Differential Leucocyte Count			
Neutrophils	45	%	40 - 80
Lymphocyte	H 45	%	20 - 40
Eosinophils	05	%	1 - 6
Monocytes	05	%	2 - 10
Basophils	00	%	< 2
Platelet Count	4.0	lakhs/cumm	1.5 - 4.5
Total RBC Count	5.1	million/cumm	4.5 - 5.5
Hematocrit Value, Hct	H 56	%	40 - 50
Mean Corpuscular Volume, MCV	H 109.8	fL	83 - 101
Mean Cell Haemoglobin, MCH	27.5	Pg	27 - 32
Mean Cell Haemoglobin CON, MCHC	L 25.0	%	31.5 - 34.5

Sachin
SAMPLE

Mr. Sachin Sharma
DMLT, Lab Incharge

Ak Astha
SAMPLE

Dr. A. K. Asthana
MBBS, MD Pathologist

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BIOCHEMISTRY
LIVER FUNCTION TEST (LFT)

TEST	VALUE	UNIT	REFERENCE
Serum Bilirubin (Total)	1.0	mg/dl	0.2 - 1.2
Serum Bilirubin (Direct)	0.2	mg/dl	0 - 0.3
Serum Bilirubin (Indirect)	0.80	mg/dl	0.2 - 1
SGPT (ALT)	17	U/l	13 - 40
SGOT (AST)	30	U/l	0 - 37
Serum Alkaline Phosphatase	67	U/l	
Serum Protein	L 6.0	g/dl	6.4 - 8.3
Serum Albumin	3.7	g/dl	3.5 - 5.2
Globulin	2.30	g/dl	1.8 - 3.6
A/G Ratio	1.61		1.1 - 2.1

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KIDNEY FUNCTION TEST (KFT)

TEST	VALUE	UNIT	REFERENCE
BUN	9.34	mg/dl	7.9 - 20
Serum Urea	20	mg/dl	19 - 45
Serum Creatinine	L 0.5	mg/dl	0.6 - 1.1
Serum Calcium	8.9	mg/dl	8.8 - 10.6
Serum Potassium	3.7	mmol/L	3.5 - 5.1
Serum Sodium	138	mmol/L	136 - 146
Serum Uric Acid	6.0	mg/dl	3.5 - 7.2
Urea / Creatinine Ratio	40.00		
BUN / Creatinine Ratio	18.68		

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LIPID PROFILE

TEST	VALUE	UNIT	REFERENCE
Total Cholesterol	130	mg/dl	125 - 200
Triglycerides	190	mg/dl	25 - 200
HDL Cholesterol	56	mg/dl	35 - 80
LDL Cholesterol	L 36.00	mg/dl	85 - 130
VLDL Cholesterol	38.00	mg/dl	5 - 40
LDL / HDL	L 0.64		1.5 - 3.5
Total Cholesterol / HDL	L 2.32		3.5 - 5
TG / HDL	3.39		
Non-HDL cholesterol	74.00		

Interpretation:

Total Cholesterol	(mg/dl)	HDL	(mg/dl)	LDL	(mg/dl)	Triglycerides	(mg/dl)
Desirable	<200	Low	<40	Optimal	<100	Normal	<150
Borderline High	200-239	High	>60	Near Optimal	100-129	Borderline High	150-199
High	>240			Borderline High	130-159	High	200-499
				High	160-189	Very High	>500
				Very High	> 190		

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CLINICAL PATHOLOGY

TEST	VALUE	UNIT	REFERENCE
Semen Examination			
Physical and Chemical Characteristics			
Quantity	3	ml	2 - 3
Colour	Whitish		
Ph	Alkaline		
Collection At	Lab		
Liquefaction Time	30	min	
Semen Fructose	POSITIVE		
Microscopic Examination			
Total Sperm Count	155	million/cumm	60 - 200
Rapid Progressive	40	%	
Sluggish Progressive	30	%	
Non Progressive	10	%	
Immotile	10	%	
Abnormal Forms	10	%	
Epithelial Cells	01	/HPF	
R.B.C.	01	/HPF	
Pus cell	00	/HPF	

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CYTOLOGY

FNAC (Fine Needle Aspiration)

SPECIMEN : FNAC - <SPECIMEN NAME>

MICROSCOPIC EXAMINATION : <MICROSCOPIC EXAMINATION RESULT>

IMPRESSION : <IMPRESSION>

NOTE : <NOTE>

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ENDOCRINOLOGY
THYROID FUNCTION TEST (TFT)

TEST	VALUE	UNIT	REFERENCE
Serum Triiodothyronine, T3	2.10	ng/mL	0.69 - 2.15
Serum thyroxine, T4	59	ng/mL	52 - 127
Thyroid-Stimulating Hormone, TSH	3.0	μIU/mL	0.3 - 4.5

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MISCELLANEOUS

Mantoux test

5 TU (0.1 ml) of tuberculin is given interdermally read after 48 hours.

ERYTHEMA - 06mm
INDURATION - 72 hrs
RESULTS - Negative

Interpretation:

Negative: Induration less than 05mm.
Equivocal: Induration between 05-09mm.
Positive: Induration 10mm or more.

~~~ End of report ~~~

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