

## LABORATORY INVESTIGATION REPORT



<b>Name</b>	: MR. SURESH KUMAR S	<b>Patient No</b>	: TH2526/002155
<b>Age / Sex</b>	: 38 years / Male	<b>Bill No</b>	: OP2526/061542
<b>Sample collection time</b>	: 05-12-2025 07:20 PM	<b>Reported Time</b>	: 05-12-2025 09:53 PM
<b>Referred by</b>	: SELF		

Investigation Name	Methodology	Values	Units	Ref Range
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### BIOCHEMISTRY

#### LIVER FUNCTION TEST(LFT)

TOTAL BILIRUBIN	DSA METHOD	<b>4.33</b>	mg/dl	0.1 - 1.4
DIRECT BILIRUBIN	DSA METHOD	<b>0.97</b>	mg/dl	< 0.3
INDIRECT BILIRUBIN	CALCULATED	3.36	mg/dl	0.2 - 0.8
ASPARTATE AMINOTRANSFERASE (AST/ SGOT)	IFCC METHOD	<b>110.83</b>	U/L	0- 35
ALANINE AMINO TRANSFERASE(SGPT)	IFCC METHOD	<b>65.35</b>	U/L	0-45
ALKALINE PHOSPHATASE	IFCC METHOD	88.33	U/l	30 - 120
SERUM ALBUMIN	BCG METHOD	4.2	gm/dl	3.5 - 5.3
SERUM PROTEIN TOTAL	BIURET	6.6	g/dl	6-8
SERUM GLOBULIN	CALCULATED	2.39	gm/dl	2.5-3.5
A/G RATIO	CALCULATED	1.76	g/dl	1.1-2.2
GAMMA G.T	SZASZ METHOD	<b>64.6</b>	U/L	11 - 61
C REACTIVE PROTEIN (CRP)		<b>15.8</b>	mg/L	< 5 mg/L

### HAEMATOLOGY

#### CBC-COMPLETE BLOOD COUNT

HEMOGLOBIN (HB)	COLORIMETRY	14.1	Gms%	13.0-22.0
TOTAL COUNT (TC)	Laser scatter	5760	cells/cumm	4000-11000
<b>DIFFERENTIAL COUNT</b>				
NEUTROPHILS	Laser scatter	65.8	%	35-70
LYMPHOCYTES	Laser scatter	23.3	%	20-45
EOSINOPHILS	Laser scatter	4.9	%	1-6
MONOCYTES	Laser scatter	5.8	%	0-7
BASOPHILS	Laser scatter	0.2	%	0-1
PLATELET COUNT	Sheath impedance	<b>1.35</b>	lakhs/cumm	1.5-4.5

VALUES CORRELATED ON SMEAR

**Processed By**

**Mr. VINAY KUMAR**

**Verified By Senior Lab Technician**

**DR. P. SUMAN,  
MBBS, MD (PATHOLOGY)  
SR CONSULTANT PATHOLOGIST  
(KMC-41951)**

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Investigation Name	Methodology	Values	Units	Ref Range
RBC COUNT	Sheath impedance	4.95	mill/cu.mm	4.5-6.5
PACKED CELL VOLUME(PCV)	Laser scatter	42.6	vol%	40.0-50.0
MEAN CORPUSCULAR VOLUME	Calculated	86.1	fL	78-98
MEAN CORPUSCULAR HAEMOGLOBIN	Calculated	28.6	pg	27.0 - 34.0
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION	calculated	<b>33.2</b>	%	33.4-35.5
ERYTHROCYTE SEDIMENTATION RATE (ESR)		5.66	mm/1hr	< 15

### SEROLOGY

HBsAg (HEPA CARD)

NEGATIVE

INTERPRETATION: NOTE: This is only a screening test. False positive or false negative results are known to occur with this test. Confirmatory tests like ELISA/CLIA/PCR is suggested for confirmation of test result.

HCV - (TRIDOT)

NON-REACTIVE

HCV used are 4th generation tri-dot screening test. All reactive samples must be confirmed by assays like RIBA. A non-reactive sample does not exclude the possibility of exposure to or infection with HCV.

HIV 1 & II (TRIDOT)

HIV-1

NON-REACTIVE

NOTE, HIV:- Testing done here is only a rapid screening test. Non reactive result does not rule out HIV infection since levels of HIV antibodies may not be detectable in the early stages of the infection. If required, confirm with HIV RT-PCR, ELISA&/Western blot.

HIV-II

NON-REACTIVE

NOTE, HIV:- Testing done here is only a rapid screening test. Non reactive result does not rule out HIV infection since levels of HIV antibodies may not be detectable in the early stages of the infection. If required, confirm with HIV RT-PCR, ELISA&/Western blot.

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Note : Results pertained to sample tested.

-----End Of Report-----

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Verified By Senior Lab Technician

  
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