



**KASTURBA HOSPITAL LABORATORY SERVICES**  
**(An Associate Department of Kasturba Hospital)**  
MADHAVANAGAR, MANIPAL, UDUPI DIST. PHONE : 2571201 - 219



MC-2593

Name	MRS. LAKSHMI SUKRAPPA NAIK	IP/OP No	3498773
Age/Sex	51Year(s) / Female	Collection Date	24/10/2024 08:51
Sample Id	M13658516	Received On	24/10/2024 09:00
Bill No	OP/24-25/862306	Reported On	24/10/2024 09:24
		Location	NPH001

**HAEMATOLOGY - CBC**

Test	Result	Biological Reference Interval	Method
SPECIMEN	EDTA Whole Blood		
HAEMOGLOBIN	13.4 g/dL	12.0-15.0	Photometric
HAEMATOCRIT	41.0 %	34.0-46.0	Calculated
RBC COUNT	<b>(H) 4.87 x 10<sup>6</sup>/μL</b>	3.8-4.8	Impedence
<b>RED CELL INDICES</b>			
MCV	84.2 fl	83-101	Impedence
MCH	27.5 pg	27-32	Calculated
MCHC	32.7 g/dL	31.5-34.5	Calculated
RDW	<b>(H) 17.2 %</b>	11.6-14.0	Calculated
PLATELET COUNT	<b>(L) 138.0 x 10<sup>3</sup>/μL</b>	150 - 400	Impedence /light microscopy
MPV	9.1 fL	7.5 - 11	Calculated
PCT	<b>(L) 0.130 %</b>	0.15 - 0.5	Calculated
PDW	<b>(L) 9.7 %</b>	11 - 18	Calculated
TOTAL WBC	7.3 x 10 <sup>3</sup> /μL	4.0-10.0	Impedence
<b>DIFFERENTIAL COUNT</b>			
NEUTROPHIL	42.4 %	40-80	VCS Technology/light microscopy
LYMPHOCYTE	42.0 %	20-40	"
MONOCYTE	10.7 %	2-10	"
EOSINOPHIL	4.8 %	1-6	"
BASOPHIL	0.1 %	1 - 2	"
<b>ABSOLUTE COUNTS</b>			
ABSOLUTE NEUTROPHIL COUNT	3.10 x 10 <sup>3</sup> /μL	2.0-8.0	Calculated
ABSOLUTE EOSINOPHIL COUNT	0.35 x 10 <sup>3</sup> /μL	0.04-0.4	Calculated

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**BIOCHEMISTRY**

Test	Result	Biological Reference Interval	Method
BICARBONATE (Serum)	22.80 mmol/L	22-29 mmol/L	PEPC/MDH Enzymatic
GLUCOSE RANDOM (Plasma)	78 mg/dL	Normal: 70 - 140 mg/dL Impaired Glucose Tolerance: 141-199 mg/dL (Advised OGTT for further confirmation) Diabetes mellitus : > 200 mg/dL	Hexokinase Method
<b>Albumin</b>			
ALBUMIN (Serum)	4.20 g/dL	3.5 - 5.2 g/dL	Bromocresol Green
CALCIUM (Serum)	9.6 mg/dL	8.6 - 10.0 mg/dL	NM BAPTA
PHOSPHOROUS (Serum)	<b>(H)6.1 mg/dL</b>	2.5 - 4.5 mg/dL	Phosphomolybdate - UV
ALKALINE PHOSPHATASE (ALP) (Serum)	74 U/L	35-105U/L	PNP- AMP buffer
UREA (Serum)	<b>(H)73 mg/dL</b>	10 - 40 mg/dL	Urease GLDH
CREATININE (Serum)	<b>(H)6.89 mg/dL</b>	0.5 - 0.90 mg/dL	Jaffe Rate Blanked
SODIUM (Serum)	136.0 mmol/L	136 - 145 mmol/L	ISE Indirect
POTASSIUM (Serum)	4.0 mmol/L	3.5 - 5.1 mmol/L	ISE Indirect
TOTAL BILIRUBIN (Serum)	0.42 mg/dL	Up to 1.2 mg/dL	Diazonium ion method
DIRECT BILIRUBIN (Serum)	0.17 mg/dL	0.0 - 0.3 mg/dL	Gendrassik Grof
TOTAL PROTEIN (Serum)	7.60 g/dL	6.4 - 8.3 g/dL	Biuret
ALBUMIN (Serum)	4.20 g/dL	3.5 - 5.2 g/dL	Bromocresol Green
GLOBULIN	3.40 g/dL	2.0 - 3.5 g/dL	Calculated
ASPARTATE TRANSAMINASE (AST) (Serum)	12 IU/L	up to 32 IU/L	UV without P5P
ALANINE TRANSAMINASE (ALT) (Serum)	10.0 IU/L	up to 33 IU/L	UV without P5P



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## HAEMATOLOGY - CBC

Test	Result	Biological Reference Interval	Method
<b>ABSOLUTE COUNTS</b>			
ABSOLUTE LYMPHOCYTE COUNT	3.07 x 10 <sup>3</sup> /μL	0.72-4.4	Calculated

Verified By : Mrs. Rajashri

Certified By: Dr. Sushma Belurkar  
Additional Professor  
MCI Reg. No. : KMC 100909

----- End of Report -----



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**Note:** "THE REPORT IS ELECTRONICALLY GENERATED AND AUTO-CERTIFIED AND HAS NOT BEEN REVIEWED BY AUTHORIZED SIGNATORY."

**Verified By :** Ganesh Thakur

**Certified By:** Dr. Varashree B.S.  
Professor

**MCI Reg. No. :** 66449

----- End of Report -----

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