



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



MC-2593

Name	MR. RAJENDRA NARAYAN KHARVI	IP/OP No	3036722
Age/Sex	47Year(s) / Male	Collection Date	14/11/2024 12:12
Sample Id	M13731461	Received On	14/11/2024 12:26
Bill No	OP/24-25/950728	Reported On	14/11/2024 12:42
		Location	NPH003

HAEMATOLOGY - CBC

Test	Result	Biological Reference Interval	Method
SPECIMEN	EDTA Whole Blood		
HAEMOGLOBIN	(L) 8.0 g/dL	13.0-17.0	Photometric
HAEMATOCRIT	(L) 24.5 %	40.0-50.0	Calculated
RBC COUNT	(L) 2.95 x 10⁶/μL	4.5-5.5	Impedence
MCV	83.2 fl	83-101	Impedence
MCH	27.2 pg	27-32	Calculated
MCHC	32.6 g/dL	31.5-34.5	Calculated
RDW	(H) 18.2 %	11.6-14.0	Calculated
PLATELET COUNT	330.0 x 10 ³ /μL	150 - 400	Impedence /light microscopy
MPV	(L) 7.3 fL	7.5 - 11	Calculated
PCT	0.242 %	0.15 - 0.5	Calculated
PDW	17.2 %	11 - 18	Calculated
TOTAL WBC	8.3 x 10 ³ /μL	4.0-10.0	Impedence
NEUTROPHIL	65.4 %	40-80	VCS Technology/light microscopy
LYMPHOCYTE	20.7 %	20-40	"
MONOCYTE	8.5 %	2-10	"
EOSINOPHIL	4.7 %	1-6	"
BASOPHIL	0.7 %	1 - 2	"
ABSOLUTE NEUTROPHIL COUNT	5.43 x 10 ³ /μL	2.0-8.0	Calculated
ABSOLUTE EOSINOPHIL COUNT	0.39 x 10 ³ /μL	0.04-0.4	Calculated



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HAEMATOLOGY - CBC

Test	Result	Biological Reference Interval	Method
ABSOLUTE LYMPHOCYTE COUNT	1.72 x 10 ³ /μL	0.72-4.4	Calculated

Verified By : Mrs. Mamatha

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

"This is an auto certified report and not reviewed by an authorized signatory"

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



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BIOCHEMISTRY

Test	Result	Biological Reference Interval	Method
GLUCOSE RANDOM (Plasma)	120 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
ALBUMIN (Serum)	4.70 g/dL	3.5 - 5.2 g/dL	Bromocresol Green
ASPARTATE TRANSAMINASE (AST) (Serum)	7 IU/L	up to 40 IU/L	UV without P5P
ALANINE TRANSAMINASE (ALT) (Serum)	6.0 IU/L	up to 41 IU/L	UV without P5P
UREA (Serum)	(H) 98 mg/dL	10 - 40 mg/dL	Urease GLDH
CREATININE (Serum)	(H) 14.65 mg/dL	0.7 - 1.2 mg/dL	Jaffe Rate Blanked
SODIUM (Serum)	139.0 mmol/L	136 - 145 mmol/L	ISE Indirect
POTASSIUM (Serum)	4.6 mmol/L	3.5 - 5.1 mmol/L	ISE Indirect
CALCIUM (Serum)	(L) 6.3 mg/dL	8.6 - 10.0 mg/dL	NM BAPTA
PHOSPHOROUS (Serum)	(H) 6.1 mg/dL	2.5 - 4.5 mg/dL	Phosphomolybdate - UV
URIC ACID (Serum)	5.7 mg/dL	3.4 - 7.0 mg/dL	Uricase/peroxidase colorimetric
IRON (Serum)	(L) 24 µg/dL	33 -193 µg/dL	Ferrozine
TOTAL IRON BINDING CAPACITY (TIBC) (Serum)	(L) 231 µg/dL	250 - 400 µg/dL	Calculated
FERRITIN (Serum)	30.7 ng/mL	30.0 - 400 ng/mL	Electrochemiluminescence Immunoassay (ECLIA)

According to Tietz.



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BIOCHEMISTRY

Test	Result	Biological Reference Interval	Method
PARATHYROID HORMONE - PTH (Plasma)	(H) 360.0 pg/mL	15 - 65 pg/mL	Electrochemiluminescence Immunoassay (ECLIA)

About 90% of the patients with primary hyperparathyroidism have elevated parathyroid hormone (PTH) levels. A low or normal PTH in a patient with hypocalcemia suggests hypoparathyroidism, provided the serum magnesium level is normal.

Verified By : S.Umesh Prabhu

Co-Signatory : Dr. Nihaal Maripini
Senior Resident

Certified By: Dr. Varashree B.S.
Professor

MCI Reg. No. : 128280

MCI Reg. No. : 66449

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

"This is an electronically generated report and is attested by an analog signature from an authorized signatory. It does not require further authentication".