



UHID : KHS-95983
Name : Mr REDYA NAYAK
Age/Sex : (37 Y / Male)
Ref Doctor : Dr.Self -
Lab Id : LAB-OP-37332
Pay Mode : Bank Of Baroda

Req No & Date : BILL-OP-39615 & 11-02-2023 09:58 AM
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BIOCHEMISTRY

Glycosylated Haemoglobin (Hba1C)

Specimen : WHOLE BLOOD

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
Glycosylated Haemoglobin (Hba1C)	5.5		%	Non-Diabetic - Less than 6.0% Good -Control - 6.0-7.0%	Ion - Exchange HPLC

Blood Urea Nitrogen

Specimen : SERUM

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
BUN	11.6		mg/dL	06-20	Urease - GLDH

Creatinine

Specimen : SERUM

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
CREATININE	1.3		mg/dL	0.6 - 1.5 mg/dL	Modified Jaffes METHOD

Fasting and Post Prandial Plasma Glucose

Specimen : PLASMA

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
FASTING PLASMA GLUCOSE	90	(L)	mg/dL	Normal Less than 100 mg/dL Impaired Glucose Tolerance 101 to 125 mg/dL (Advised OGTT for further confirmation) Diabetes Millitus more than 126 mg/dL	GOD-POD
POST PRANDIAL PLASMA GLUCOSE	109		mg/dL	Normal- Less than 140 mg/dL
 Impaired Glucose Tolerance 141 to 199 mg/dL
 (Advised OGTT for further confirmation)
 Diabetes Mellitus more than 200 mg/dL	GOD-POD

Liver Profile (Lft)

Specimen : SERUM

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
TOTAL BILIRUBIN	1.0		mg/dL	0.3 - 1.2	jendrassik and Grofs



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TEST	RESULT	Unit	Biological Reference INTERVAL	Method
DIRECT BILIRUBIN	0.2	mg/dl	0 - 0.2	jendrassik and Grofs
INDIRECT BILIRUBIN	0.8	mg/dL	0 - 1.2	Calculated
SGOT	11	U/L	Upto 37	IFCC-UV
SGPT	23	U/L	Upto 40	IFCC-UV
ALKALINE PHOSPHATASE	134	U/L	Adult -up to 280 U/L Children up to 15 years old- <644 U/L Children 15-17 years - <483 U/L	PNPP-DEA
TOTAL PROTEIN	7.5	gm/dl	6.4 - 8.3	Biuret
ALBUMIN	4.5	gm/dl	3.4 - 4.8	BCG
GLOBULIN	3.0	gm/dl	2.5 - 3.5	Calculated
A/G RATIO	1.5		1.2 - 1.5	Calculated

Lipid Profile

Specimen : SERUM

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
TOTAL CHOLESTEROL	186		mg/dl	140 - 200	CHOD - POD Enzymatic
HDL CHOLESTEROL	50		mg/dl	35 - 55	Direct Enzymatic
LDL CHOLESTEROL	95		mg/dl	50 - 130	Calculated Values
VLDL CHOLESTEROL	40	(H)	mg/dl	12-30	Calculated Values
TRIGLYCERIDES	202	(H)	mg/dL	60 - 150	GPO - POD with ESPAS
CHOLESTEROL/HDL RATIO	3.7		No Unit	< 5	Calculated Values

Sr T3, T4, Tsh

Specimen : SERUM

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
T3	1.47		ng/mL	0.87-1.78	CLIA
T4	12.10		ug/dL	6.09 - 12.23	CLIA
TSH	1.69		uIU/mL	Adults - 0.34 - 5.60	CLIA

Total Protein (Serum)

Specimen : SERUM

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
Total Protein (Serum)	7.5		gm/dl	6.4 - 8.3	Biuret
ALBUMIN	4.5		gm/dl	3.4 - 4.8	BCG
GLOBULIN	3.0		gm/dl	2.5 - 3.5	Calculated
A/G RATIO	1.5			1.2 - 1.5-1	Calculated

Uric Acid

Specimen : SERUM

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
URIC ACID	6.0		mg/dL	MALE - 3.5-7.2	Uricase Enzymatic



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FEMALE - 2.6-6.0

CLINICAL PATHOLOGY

Stool Routine

Specimen : STOOL

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
COLOUR	BROWNISH				Manual(Visual observation)
CONSISTENCY	SEMI SOLID				Manual(Visual observation)
REACTION	7.5				
MUCUS	ABSENT				
BLOOD	NEGATIVE				
OVA OR CYSTS	ABSENT				
PUS CELLS	1-2			1-2/HPF	Light Microscopy
RED BLOOD CELLS	NIL				Light Microscopy
EPITHELIAL CELLS	1-2			1-2/HPF	Light Microscopy
OTHERS	NIL				Light Microscopy

Urine Routine

Specimen : URINE

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
COLOR	PALE YELLOW			PALE YELLOW	Visual
APPEARANCE	CLEAR			CLEAR	Visual
SPECIFIC GRAVITY	1.020			1.003 - 1.030	Reagent Strip
PH	5.5			4.6 - 7.0	Reagent Strip
PROTEIN	NEGATIVE			NEGATIVE	Reagent Strip
GLUCOSE	NEGATIVE			NEGATIVE	Reagent Strip
KETONE	NEGATIVE			NEGATIVE	Reagent Strip
BLOOD	NEGATIVE			NEGATIVE	Reagent Strip
BILIRUBIN	NEGATIVE			NEGATIVE	Reagent Strip
UROBILINOGEN	0.2			0.2-1.0 mg/dL	Reagent Strip
LEUCOCYTES:	NEGATIVE				Reagent Strip
NITRITE	NEGATIVE			NEGATIVE	Reagent Strip
BILE SALTS AND BILE PIGMENTS	NEGATIVE			NEGATIVE	Reagent Strip
PUS CELLS	2-3		Cells/HPF	0-5	Light Microscopy
RBC	NIL		Cells/HPF	NIL	Light Microscopy
EPITHELIAL CELLS	1-2		Cells/HPF	0 - 5	Light Microscopy
CASTS	NIL			NIL	Light Microscopy
CRYSTALS	NIL			NIL	Light Microscopy
OTHERS	NIL			NIL	Light Microscopy

HEMATOLOGY

Complete Blood Count (CBC)

Specimen : EDTA WHOLE BLOOD



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TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
HAEMOGLOBIN	14.6		g/dL	13.0-17.0	Colorimetric
PCV	42.9		%	40-50	Calculation
RBC	4.97		million/cumm	3.5-5.5	Electrical Impedence
RDW	12.7		%	11.6 - 15.0	Calculation
WBC COUNT	7250		cells/cumm	4000 - 10000	Electrical Impedence
NEUTROPHILS	64		%	40-75	Manual-Microscopy
LYMPHOCYTES	30		%	20-40	Manual-Microscopy
EOSINOPHILS	02		%	0-6	Manual-Microscopy
MONOCYTES	04		%	02-08	Manual-Microscopy
BASOPHILS	00		%	0-1	Manual-Microscopy
PLATELET COUNT	2.95		lakhs/cu.mm	1.5-4	Electrical Impedence
RBC:	Normocytic Nomochromic				
WBC:	Within Normal Limits				Light Microscopy
PLATELETS:	Adequate				Light Microscopy

ESR

Specimen : SODIUM CITRATE

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
ESR	15		mm/hr	MEN- AGE 17-50 Yr = 10 AGE 51-60 Yr = 12 AGE 61-70 Yr = 14 AGE GREATER THAN 70 Yr = 30	Westergrens

Blood Group And Rh Factor

Specimen : BLOOD

TEST	RESULT	H/L	Unit	Biological Reference INTERVAL	Method
Blood Group	O				Tube Agglutination
Rh Typing	POSITIVE				

Notes :

The Blood Group and RH Antigen may change in the newborn, hence please repeat the test after 6 months.

Recent blood transfusion, if any, interferes with interpretation of blood grouping.

Subgroups and Bombay Blood Group needs to be further verified.

*** END of the Report ***

Kindly Correlate Clinically

Authorized BY
Dr.S.ravikiran

Authorized BY
Dr.Sadik



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