

Patient Name: MRS. SUMITRA CHOUDHURY
UHID/MR No.: FSIN.0000013673
Visit Date: 27.11.2021
Sample collected on: 27.11.2021
Ref Doctor: SELF

Age/Gender: 32 Years / Female
OP Visit No.: FSINOPV16716
Reported on: 27.11.2021
Specimen: BLOOD

DEPARTMENT OF LABORATORY MEDICINE

<u>TEST NAME</u> <u>UNIT</u>	<u>RESULT</u>	<u>BIOLOGICAL REFERENCE</u>
BLOOD GROUP RH TYPE	"A" POSITIVE(+Ve)	

Results are to be correlate clinically.

*** End of the report***

BK

Lab Technician/Technologist
Madhumita_Biswas

Dr. BIPARNAK HALDAR
MBBS, MD(PATHOLOGY)
CONSULTANT PATHOLOGIST



Patient Name: MRS. SUMITRA CHOUDHURY
UHID/MR No.: FSIN.000013673
Visit Date: 27.11.2021
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OP Visit No.: FSINOPV16716
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Specimen: BLOOD

DEPARTMENT OF HAEMATOLOGY

TEST NAME	RESULT	BIOLOGICAL REFERENCE	UNIT
COMPLETE BLOOD COUNT			
HAEMOGLOBIN	13.6	Female 12-16 Male 13-17	gm%
Method: Non cyanideSis Based			
RBC COUNT	4.66	Female 3.8-4.8 Male 4.5-5.5	mill/Cumm
Method: Electrical Impedence			
HEMATPOCRIT (PCV)	40.6	Female 36-46 Male 42-52	%
MCV	87.2	83-101 fl	fl
Method: Calculated			
MCH	29.3	27-32 pg	pg
Method: Calculated			
MCHC	33.6	31.5-34.5	%
Method: Calculated			
PLATELET COUNT	2.68	1.5-4 lakhs/cu mm	Lac/cumm
Method: Electrical Impedence			
TOTAL WBC COUNT	8400	4.0-10.0	/cumm
Method: Electrical Impedence			
NEUTROPHIL	61	40-80	%
Method: Microscopy			
LYMPHOCYTE	35	20-45	%
Method: Microscopy			
MONOCYTE	02	2-10	%
Method: Microscopy			
EOSINOPHIL	02	1-6	%
Method: Microscopy			
BASOPHIL	00	<1-2	%
Method: Microscopy			
ESR	27	Male:12 Female:19	mm/hr mm/hr
Method: westergren's			

Note: RBC are Normocytic with normochromic.

INSTRUMENT USED:

SYSMEX (XP 100)

*Please correlate with clinical conditions.

End of the report

Lab Technician/Technologist

Madhumita Biswas

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DEPARTMENT OF LABORATORY MEDICINE

TEST NAME	RESULT	BIOLOGICAL REFERENCE INTERVALS	UNITS
LIVER FUNCTION TEST (PACKAGE)			
BILIRUBIN-TOTAL Method: Daizo	0.7	1.1 Adult	mg/dl
BILIRUBIN-DIRECT Method: Daizo with DPD	0.3	Adult & Children: <0.25	mg/dl
BILIRUBIN-INDIRECT Method: calculated	0.4	0.1-1.0	mg/dl
TOTAL-PROTIEN Method: Photometric UV test	6.7	Adult: 6.6-8.8	gms/dl
ALBUMIN Method: BCG	3.9	3.5-5.2	gms/dl
GLOBULIN Method: calculated	2.8	1.8-3.0	gms/dl
A:G Ratio	1.3:1		
SGOT/AST Method: IFCC WITHOUT P5P	24	up to 38	U/L
SGPT/ALT Method: IFCC WITHOUT P5P	31	up to 38	U/L
ALKA-PHOS Method: PNPP-AMP BUFFER	62	Child: 104-380 Adult: 20-116	U/L
GGT [Gamma Glutamyl Transferase]	21	7-32	U/L

*Please correlate with clinical conditions.

End of the report

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DEPARTMENT OF LABORATORY MEDICINE

TEST NAME	RESULT	BIOLOGICAL REFERENCE INTERVALS	UNITS
LIPID PROFILE Triglyceride Method: GPO-POD	188	<200	mg/dl
Cholesterol Method: CHOD - POD	372	Desirable blood cholesterol :< 220 Borderline High: 170.0-199.0 High: > 199.0 mg/dl	mg/dl
HDL CHOLESTEROL [DIRECT] Method: PVS and PEGME Coupled	92	50-80mg/dl	mg/dl
LDL CHOLESTEROL [DIRECT] Method: Selective Detergent	242	<130.0 mg/dl	mg/dl
VLDL CHOLESTEROL	38	20-35 mg/dl	mg/dl
LDL: HDL RATIO	2.6	3.0-5.0	

End of the report
Results are to be correlate clinically

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DEPARTMENT OF LABORATORY MEDICINE

TEST NAME	RESULT	BIOLOGICAL REFERENCE INTERVALS	UNITS
BLOOD UREA NITROGEN (BUN) BLOOD UREA NITROGEN (BUN) Method: Calculated	7.47	8 - 20	mg/ dl
CREATININE Methodology: Jaffe Reaction Instrument Used: FULLY AUTOMATED ANALYZER EM-200	0.9	Male: 0.7-1.4 Female: 0.6-1.2 Newborn: 0.3-1.0 Infant: 0.2-0.4 Child: 0.3-0.7 Adolescent: 0.5-1.0	mg/dl
URIC ACID URIC ACID Method: Uricase	4.5	Female: 2.6 - 6.0 Male: 3.4 - 7.0	mg/dl

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DEPARTMENT OF LABORATORY MEDICINE

<u>TEST NAME</u>	<u>RESULT</u>	<u>BIOLOGICAL REFERENCE INTERVALS</u>	<u>UNITS</u>
GLUCOSE- (FASTING) GLUCOSE- (FASTING) Method: (GOD-POD)	109.0	70.0- 110.0	mg/dL
GLUCOSE- (POST PRANDIAL) GLUCOSE- (POST PRANDIAL) Method: (GOD-POD)	132.0	80.0- 140.0	mg/dL

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DEPARTMENT OF SPECIAL BIOCHEMISTRY
REPORT PREPARED ON PATHOLOGY

Test Name	Value	Unit	Normal Range
Glycosylated Haemoglobin (HbA1c), HPLC Glycosylated Haemoglobin (HbA1c), HPLC	5.1	%	Excellent Control: <4 Good Control: 4-6 Fair Control : >6-7 Action Suggested: >7-8 Poor Control : >8
Estimated Average Glucose (EAG)	126	mg/dL	Excellent Control: 90-120 Good Control: 120-150 Fair Control: > 150-180 Action Suggested: 181-210 Panic Value: >211

Methodology: HPLC
Instrument Used: Bio-Rad D-10

Comment

- For patients with Hb variant diseases there may be lowering of HbA1c due to low HbA synthesis.
- EAG is value calculated from HbA1c & indicates average glucose level over past three months.

Factors that interfere with HbA1c Measurement: Genetic variants (e.g. Hbs trait, HbC trait), elevated fetal hemoglobin (HbF) and chemically modified derivatives of hemoglobin (e.g. carbamylated Hb in patients with renal failure) can affect the accuracy of HbA1c measurements. The effects vary depending on the specific Hb variant or derivative and the specific HbA1c method.

Factors that affect interpretation of HbA1c Results: Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g. recovery from acute blood loss, hemolytic anemia) will falsely lower HbA1c test results regardless of the assay method used.

***** End Of Report *****

BL

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<u>TEST NAME</u>	<u>RESULT</u>	<u>BIOLOGICAL REFERENCE INTERVALS</u>	<u>UNIT</u>
TSH:THYROID STIMULATING HORMONE-SERUM TSH:THYROID STIMULATING HORMONE-SERUM Method : CLIA	2.31	0.35-5.50	uIU/ml
TOTAL T3: TRI IODOTHYRONINE – SERUM TOTAL T3: TRI IODOTHYRONINE – SERUM Method : CLIA	1.31	0.87 – 1.78	ug/dl
TOTAL T4: THYROXINE – SERUM TOTAL T4: THYROXINE – SERUM Method : CLIA	10.40	8.09 – 14.03	ug/dl

Results are to be correlate clinically .

End of the report

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Reported on: 27.11.2021
Specimen: URINE

URINE ROUTINE EXAMINATION

URINE FOR ROUTINE EXAMINATION

Test Name	Result	Unit	Method
<u>PHYSICAL EXAMINATION</u>			
QUANTITY	30	ml	Container Measurement
COLOUR	Pale yellow		Naked Eye Observation
APPEARANCE	Slightly hazy		Naked Eye Observation
REACTION	Acidic		Multiple Reagent Strip
SPECIFIC GRAVITY	1.020		Multiple Reagent Strip
<u>CHEMICAL EXAMINATION</u>			
BLOOD	Nil		Multiple Reagent Strip
ALBUMIN	Nil		Multiple Reagent Strip / Heat & Acetic Acid
BILE PIGMENT	Nil		Fuchel's Test
BILE SALT	Nil		Hey's Sulphur Test
KETONE BODIES	Nil		Multiple Reagent Strip / Rothera Test
SUGAR	Nil		Multiple Reagent Strip / Benedict
<u>MICROSCOPIC EXAMINATION</u>			
PUS CELL	1-2	/HPF	Light Microscopy
RBC	Not found	/HPF	Light Microscopy
EPITHELIAL CELL	1-3	/HPF	Light Microscopy
MICRO ORGANISM	Present(+)		
Others	Not found		


Note : Any Abnormal Chemical Analysis Rechecked By Respective Manual Method
*** End of Report***

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