



Report Number

: IR/274547

Lab Slip No.

: SASGO/INV/183562-07/2021

Patient Name

: SUDIP BISWAS

Age / Sex

: 30 Year/Male

Referred By

: SELF

Web Slip No

: SAS/INV/99/182979-07/2021

Report Date

: 21/07/2021 7:42:00PM

Collection Date

: 21/07/2021 3:00:00PM

Phlebotomist

Collected From

: SINTHI-APOLLO

REPORT PREPARED ON PATHOLOGY DEPARTMENT OF SPECIAL BIOCHEMISTRY

Test Name	Value	Unit	Normal Range	
BUN (BLOOD UREA NITROGEN)	11.2	mg/dl	8 - 20	

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

Report Prepared By

Opp. of Rabindra Bharati University Licensee: Satyam Credit Pvt. Ltd.

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DR. GOUTAM SAHA



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: IR/274579 Report Number

: SASGO/INV/183562-07/2021 Lab Slip No.

: SUDIP BISWAS **Patient Name**

: 30 Year/Male Age / Sex

Referred By : SELF Web Slip No

: SAS/INV/99/182979-07/2021

Report Date

: 21/07/2021 8:02:00PM

Collection Date

: 21/07/2021 3:00:00PM

Phlebotomist Collected From

: SINTHI-APOLLO

REPORT PREPARED ON PATHOLOGY DEPARTMENT OF HAEMATOLOGY

Test Name	Value	Unit	Normal Range
Haemoglobin	14.3	gm%	Child: 11.0 - 15.5gm% (M) 13.0-17.0gm% (11.11 - 1.0gm% Up to 15 days 16.21em%
Instrument Used:			
Haematocrit (PCV)	40.5	9/0	42 - 52
Mean Corpuscular Volume (MCV)	94.8	11	76 - 101
Mean Corpuscular Hemoglobin (MCH)	33.4	pg	27.0 - 32 0
Mean Corpuscular Hemoglobin Concentration (MCHC)	35.3	9/0	31 5 - 34 5
Platelet Count	1.62	lacs/cmm	1.5 - 4.5
Total Count (TC)			The state of the s
Total Leucocytes	4200	/cmm	4000 - 11000
Total Erythrocytes	4.27	mill/cmm	4.5 - 5.5
Differential Count (DC)			
Neutrophil	41	0/0	40 - 75
Lymphocyte	53	0/0	20 - 45
Monocyte	04	%	02-10
Eosinophil	02	%	01 - 06
Basophil	00	0/0	00 - 01
ESR (Erythrocyte Sedimentation Rate) Methodology: Westergren method	15	mm	0 - 15
RBC Morphology	Normochromic	normocytic	

INSTRUMENT USED:

HORIBA (YUMIZEN H500)

*Please Correlate with Clinical Conditions.

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

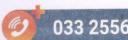
Report Prepared By,

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DR. GOUTAM SAH









: IR/274540 Report Number

: SASGO/INV/183562-07/2021 Lab Slip No.

Patient Name

: SUDIP BISWAS

Age / Sex

: 30 Year/Male

Referred By : SELF Web Slip No

: SAS/INV/99/182979-07/2021

Report Date

: 21/07/2021 7:37:00PM

Collection Date

: 21/07/2021 3:00:00PM

Phlebotomist Collected From

: SINTHI-APOLLO

REPORT PREPARED ON PATHOLOGY

DEPARTMENT OF BIOCHEMISTRY

Test Name	Value	Unit	Normal Range	
CREATININE	0.8	mg/dl	Male 0 7-1.4 Female 0 6-1 2	
Methodology: Jaffe Reaction Instrument Used: AGAPPE (Mispa Clinia Plus)				
URIC ACID Methodology: Uricase Instrument Used: AGAPPE (Mispa Clinia Plus)	6.8	mg/dl	Male : 3 4 - 70	

^{*}Please Correlate with Clinical Conditons.

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

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Report Number : IR/274545

Lab Slip No. : SASGO/INV/183562-07/2021

Patient Name

: SUDIP BISWAS

Age / Sex

: 30 Year /Male

Referred By

: SELF

Web Slip No

: SAS/INV/99/182979-07/2021

Report Date

: 21/07/2021 7:39:00PM

Collection Date

: 21/07/2021 3:00:00PM

Phlebotomist

Collected From

; SINTHI-APOLLO

REPORT PREPARED ON PATHOLGY

DEPARTMENT OF BIOCHMEMISTRY

Test Name	Value	Unit	Normal Range	
GLUCOSE FASTING	84	mg/dl	70 - 110	
Methodology: GOD POD				
Instrument Used: AGAPPE (Misna Clinia Plus)				

^{*}Please Correlate with Clinical Conditons.

NOTE: Regarding blood sugar levels, if a patient is diabetic and if He/she is on oral medication for diabetes, the sugar levels can be fasting blood sugar level more than the post prandial blood sugar. This happens because most of the anti-diabetic medications are taken either with or before breakfast. If the patient is not a diabetic, as soon as He/she takes the breakfast. It will act as a stimulant to produce insulin in the body and that will bring down the post prandial blood sugar level (PP). Normal diet can be 2 or 3 doses, chapatis or rotis, in which the blood glucose level will be lower than 75 grams of direct glucose. This direct glucose might also increase the sugar level to 260. Another scenario for increase in sugar after empty stomach will be because of the hormone called glucagon, which will induce glycogenolysis and neoglucogenesis in the body when the sugar levels are very low. In this mechanism, the stored glycogen or lipids will be converted into glucose, thus increasing the blood sugar level.

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

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Report Number

: IR/274618

Web Slip No

: SAS/INV/99/182979-07/2021

Lab Slip No.

: SASGO/INV/183562-07/2021

Report Date

: 21/07/2021 8:59:00PM

Patient Name

: SUDIP BISWAS

Collection Date

Age / Sex

: 30 Year/Male

Phlebotomist_

: 21/07/2021 3:00:00PM

Referred By

: SELF

Collected From

: SINTHI-APOLLO

REPORT PREPARED ON PATHOLOGY

DEPARTMENT OF SEROLOGY

Test Name	Value	Unit	Normal Range	
BLOOD GROUPING	"A"			
Rh Factor	Positive			

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

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Report Prepared By







Report Number : IR/274539

Lab Slip No. : SASGO/INV/183562-07/2021

Patient Name

: SUDIP BISWAS

Age / Sex

: 30 Year/Male

Referred By : SELF

Web Slip No

: SAS/INV/99/182979-07/2021

Report Date

: 21/07/2021 7:36:00PM

Collection Date

: 21/07/2021 3:00:00PM

Phlebotomist

Collected From : SINTHI-APOLLO

REPORT PREPARED ON PATHOLOGY

DEPARTMENT OF BIOCHEMISTRY

Test Name	Value	Unit	Normal Range	
LIVER FUNCTION TEST				
BILIRUBIN TOTAL	1.0	mg/dl	Below 1 day = <5 8mg/dl 1 To 2 days = <8.2mg/dl Infants : 1.0 To 10.0mg/dl Adults Upto : 1.1mg/dl	
Methodology: Jendrassik& Groff Instrument Used: AGAPPE (Mispa Clinia Plus)				
BILIRUBIN CONJUGATED Instrument Used: AGAPPE (Mispa Clinia Plus)	0.3	mg/dl	0.0 - 0.25	
BILIRUBIN UNCONJUGATED	0.7	mg/dl	ir.	
ALANINE AMINOTRANSFERASE [SGPT] Methodology: UV without P5P Instrument Used: AGAPPE (Mispa Clinia Plus)	28	U/L	Male : 0 - 38	
ASPARTATE AMINOTRANSFERASE[SGOT] Methodology: UV without P5P Instrument Used: AGAPPE (Mispa Clinia Plus)	32	U/L	0 - 38	
ALKALINE PHOSPHATASE [ALP]	69	U/L	Aduit 20-116	
Methodology: PNPP with AMP buffer Instrument Used: AGAPPE (Mispa Clinia Plus)			Children 104-380	
PROTEIN TOTAL Methodology: Biuret Instrument Used: AGAPPE (Mispa Clinia Plus)	7.8	gms/dl	6.0 - 8.5	
ALBUMIN. Methodology: BromocresolGreen Instrument Used: AGAPPE (Mispa Clinia Plus)	4.4	gms/dl	32-55	
GLOBULIN	3.4	gms/dl	1.8 - 3	
ALBUMIN : GLOBULIN RATIO	1.29 : 1			
GGT [Gamma Glutamyl Transferase]	12	U/L	11 - 50	

*Please Correlate with Clinical Conditons.

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

Report Prepared By

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Report Number : IR/274541

Lab Slip No. : SASGO/INV/183562-07/2021

Patient Name : SUDIP BISWAS

Age / Sex : 30 Year/Male

Referred By : SELF Web Slip No

Report Date

: 21/07/2021 7:38:00PM

Collection Date

: 21/07/2021 3:00:00PM

Phlebotomist

Collected From

: SINTHI-APOLLO

REPORT PREPARED ON PATHOLOGY DEPARTMENT OF BIOCHEMISTRY

Test Name	Value	Unit	Normal Range
LIPID PROFILE SERUM TRIGLYCERIDE Methodology: Lipase-Glycerol Kinase Instrument Used: AGAPPE (Mispa Clinia Plus)	97	mg/dl	< 200 mg/dl.
TOTAL CHOLESTEROL Methodology: CHOD POD Instrument Used: AGAPPE (Mispa Clinia Plus)	184	mg/dl	< 200 mg/dl
HDL CHOLESTEROL [DIRECT] Methodology: Homogeneous Instrument Used: FULLY AUTOMATED ANALYZER EM-200	47	mg∕dl	No Risk 50 - 80mg/dl Moderate Risk 35 - 50mg/dl High Risk <35mg/dl
LDL CHOLESTEROL [DIRECT] Methodology: Homogeneous	118	mg/dl	Optimal < 129 mg/dl Borderline High 130 - 159 mg/dl High 160 - 189 mg/dl Very High > 190 mg/dl
Instrument Used: FULLY AUTOMATED ANALYZER EM-200			
VLDL CHOLESTEROL	19	mg/dl	20 - 35
CHOLESTEROL : HDL Ratio	3.9		Low Risk < 3.0 Moderate Risk 3.0 - 5.0 High Risk > 5.0
LDL : HDL Ratio	2.5		Low Risk <2.6 Moderate Risk : 2.6 - 3.6 High Risk : >3.6

*Please Correlate with Clinical Conditons.

Lipids are most commonly measured to ass cardiovascular risk. Maintaining desirable concentrations of lipids lowers the risk of heart attacks or strokes. Establishing appropriate treatment strategies and lipid goals require the results for each component of a lipid profile be consider in context with other risk factors including, age, sex, smoking status, family and personal history of heart disease.

Fasting overnight (12 hours)

Patient must not consume any alcohol for 24 hours before the specimen is drawn.

Cholesterol levels fluctuate over time. The American Heart Association recommends a minimum of 2 measures at least 2 weeks apart before beginning a new treatment plan.

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

Report Prepared By

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DR. GOUTAM SAHA









Report Number

: IR/274585

Lab Slip No.

: SASGO/INV/183562-07/2021

Patient Name

: SUDIP BISWAS

Age / Sex

: 30 Year/Male

Referred By

: SELF

Web Slip No

: SAS/INV/99/182979-07/2021

Report Date

: 21/07/2021 8:07:00PM

Collection Date

: 21/07/2021 3:00:00PM

Phlebotomist

: SINTHI-APOLLO Collected From

DEPARTMENT OF CLINICAL PATHOLOGY

ROUTINE EXAMINATION OF URINE

Test Name	Value	Unit	Normal Range	
PHYSICAL EXAMINATION				
Volume	60	m!		
Colour	Pale yellow			
Appearance	Clear		42	
Specife Gravity	1005			
Sediment	Absent			
CHEMICAL EXAMINATION				
Reaction	Acidic		Mr.	
Albumin	Nil			
Sugar	Nil			
Bile Salt	Absent			
Bile Pigment	Negative			
MICROSCOPICAL EXAMINATION				
Pus Cells	0-2	/hpf		
Epithelial Cells	0-1	/hpf		
R.B.C.	Nil	/hpf		
Micro Organism	Nil			
Others	Nil			

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

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Report Number : IR/274538

Lab Slip No. : SASGO/INV/183562-07/2021

Patient Name

: SUDIP BISWAS

Age / Sex

: 30 Year/Male

Referred By

: SELF

Web Slip No

: SAS/INV/99/182979-07/2021

Report Date

: 21/07/2021 7:35:00PM

Collection Date

: 21/07/2021 3:00:00PM

Phlebotomist

3

Collected From : SINTHI-APOLLO

Page 1 of 2

REPORT PREPARED ON PATHOLOGY

DEPARTMENT OF SPECIAL BIOCHEMISTRY

Test Name	Value	Unit	Normal Range	
T3 [Tri Iodothyronine] (CLIA) Instrument Used: BECKMAN COULTER (ACCESS-2)	1.24	ng/ml	0.87 to 1.78 ng/mL	
T4 [Total Thyroxine] (CLIA) Instrument Used: BECKMAN COULTER (ACCESS-2)	9.3	μg/dl	4.82 - 15.65	
TSH [Thyroid Stimulating Hormone] Methodology: CLIA Instrument Used: BECKMAN COULTER (ACCESS-2)	2.2	μIU/mL	0 38 - 5 33	

INSTRUMENT USED:

FULLY AUTOMATED CLIA - TOSOH AIA-360. FULLY AUTOMATED CLIA - MINDRAY CL-1000i FULLY AUTOMATED CLIA - MAGLUMI 800.

Triiodothyronine

Triiodothyronine (T3) values >1.8 ng/mL in adults or > age related cutoffs in children are consistent with hyperthyroidism or increased thyroid hormone-binding proteins.

Abnormal levels (high or low) of thyroid hormone-binding proteins (primarily albumin and thyroid-binding globulin) may cause abnormal T3 concentrations in euthyroid patients.

Total Thyroxine

*Values of more than 10.8 mcg/dL in adults or more than the age-related cutoffs in children are seen in hyperthyroidism and patients with acute thyroiditis.

*Values below 4.4 mcg/dL in adults or below the age-related cutoffs in children are seen in hypothyroidism, myxedema, cretinism, chronic thyroiditis, and occasionally, subacute thyroiditis.

*Increased total thyroxine (T4) is seen in pregnancy and patients who are on estrogen medication. These patients have increased total T4 levels (increased thyroxine-binding globulin: TBG levels).

*Decreased total T4 is seen in patients on treatment with anabolic steroids, or nephrosis (decreased TBG levels).

*A thyrotropin-releasing hormone stimulation test may be required for certain cases of hyperthyroidism.

*Clinical findings are necessary to determine if thyroid-stimulating hormone, TBG, or free T4 testing is needed

Reference range during pregnancy

Pregnancy TSH Level(µIU/mI)

Pregnant Females, 1st Trimester 0.05 to 3.70
Pregnant Females, 2nd Trimester 0.31 to 4.35
Pregnant Females, 3rd Trimeste 0.41 to 5.18

Note:

*TSH stimulates the thyroid gland to produce the main thyroid hormones T3 and T4.

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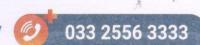
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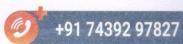
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DR. GOUTAM SAHA MD (Path) 033 2556 5555











Report Number

: IR/274538

Lab Slip No.

: SASGO/INV/183562-07/2021

Patient Name

: SUDIP BISWAS

Age / Sex

: 30 Year/Male

Referred By

: SELF

Web Slip No

: SAS/INV/99/182979-07/2021

Report Date

: 21/07/2021 7:35:00PM

Collection Date

: 21/07/2021 3:00:00PM

Phlebotomist

Collected From

: SINTHI-APOLLO

Page 2 of 2

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

Report Prepared By,

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DR. GOUTAM SAHA





^{*}In case of hyperthyroidism TSH level is severely inhibited and may even be undetectable.

^{*}In rare forms of high-origin hyperthyroidism, the TSH level is not reduced, since the negative-feedback control of the thyroid hormones has no effect.

^{*}In case of primary hypothyroidism, TSH level are always much higher than normal and thyroid levels are low.

^{*}The TSH assay aids in diagnosis thyroid or hypophysial disorder.

^{*}In pateints with hyperthyroidism, the FT4 concentration increases, whereas in patients with hypothyroidism it generally decreases.

^{*}Patients on hormone replacement therapy may have an elevation of FT4, although clinically they are

^{*}FT3 plays an important diagnostic role in hyperthyroidism. Monitoring of patients with hypothyroidism treated with thyroxine and Anti-thyroid agents and low T3 syndrome.

^{*}The FT3 and FT4 assay must be used in conjunction with other tests such as TSH as well as a clinical examination of the patient.







Report Number

: IR/274614

Lab Slip No.

: SASGO/INV/183562-07/2021

Patient Name

: SUDIP BISWAS

Age / Sex

: 30 Year/Male

Referred By

: SELF

Web Slip No

: SAS INV 99/182979-07/2021

Report Date

: 21/07/2021 8:55:00PM

Collection Date

: 21/07/2021 3:00:00PM

Phlebotomist

Collected From

: SINTHI-APOLLO

REPORT PREPARED ON PATHOLOGY

DEPARTMENT OF SPECIAL BIOCHEMISTRY

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
Methodology: HPLC Instrument Used: Bio-Rad D-10			
Estimated Average Glucose (EAG)	100	mg/dL	Excellent Control. 90-120 Good Control. 120-150 S. Fair Control. > 150-180 Action Suggested: 181-210 Panic Value. > 211

Commen

- 1. For patients with Hb variant diseases there may be lowering of HbA1c due to low HBA synthesis.
- 2. 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 ********

Report Prepared By

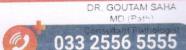
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Patient report

Apollo Bio-Rad D-10

DATE: 21/07/2021

TIME: 20:40

S/N: #DA5L003817

Software version: 4.30-2

Sample ID:

S_BISWAS

Injection date
Injection #: 9

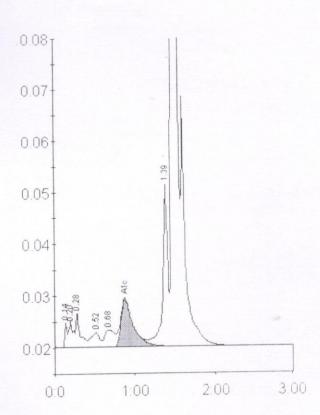
21/07/2021 18:59

Rack #: ---

Method: HbA1c Rack position: 9



APOLLO CLINIC @ OM TOWEROpp. of Rabindra Bharati University



Peak table - ID: S BISWAS

Peak	R.time	Height	Area	Area %
Unknown	0.14	4855	9335	0.4
Ala	0.20	5033	20247	0.9
Alb	0.28	6792	24975	1.1
F	0.52	2821	21526	1.0
LA1c/CHb-1	0.68	3343	29165	1.3
Alc -	0.88	9117	97273	5.1
P3	1.39	31526	131995	5.8
A0	1.48	589930	1931087	85.2

32

Concentration:	%	mmol/mol
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2265603

5.1

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36C, B.T. Road, Kolkata - 700 002

Total Area:

Alc

E-mail: sinthimor@theapolloclinic.com satyamcreditpvtltd@gmail.com

