

 Patient Name
 : ADITY GAUTAM ADHIKARY
 Ref Dr.
 : Dr.MEDICAL OFFICER

 Age
 : 35 Y 7 M 28 D
 Collection Date
 : 23/Dec/2023 10:53AM

 Gender
 : F
 Report Date
 : 23/Dec/2023 04:15PM



DEPARTMENT OF BIOCHEMISTRY

Test Name	Result	Bio Ref. Interval	Unit
POTASSIUM,BLOOD , GEL SERUM (Method:ISE DIRECT)	5.20	3.1-5.5 mEq/L	mEq/L
URIC ACID,BLOOD (Method:URICASE)	<u>6.10</u>	2.6 - 6.0	mg/dl
*THYROID PANEL (T3, T4, TSH), GEL SERUM	1		
T3-TOTAL (TRI IODOTHYRONINE) (Method:CLIA)	1.30	0.9 - 2.2 ng/ml	ng/ml
T4-TOTAL (THYROXINE) (Method:CLIA)	10.3	5.5-16 microgram/dl	5.5-16 microgram/dl
TSH (THYROID STIMULATING HORMONE) (Method:CLIA)	3.2	0.5-4.7	μIU/mL

BIOLOGICAL REFERENCE INTERVAL: [ONLY FOR PREGNANT MOTHERS]

Trimester specific TSH LEVELS during pregnancy:
FIRST TRIMESTER : 0.10 2.50 µ IU/mL
SECOND TRIMESTER : 0.20 3.00 µ IU/mL
THIRD TRIMESTER : 0.30 3.00 µ IU/mL

References:

1.Indian Thyroid Society guidelines for management of thyroid dysfunction during pregnancy. Clinical Practice Guidelines, New Delhi: Elsevier; 2012.

2. Stagnaro-Green A, Abalovich M, Alexander E, Azizi F, Mestman J, Negro R, et al. Guidelines of the American Thyroid Association for the Diagnosis and Management of Thyroid Disease During Pregnancy and Postpartum. Thyroid 2011;21:1081-25.

3. Dave A, Maru L, Tripathi M. Importance of Universal screening for thyroid disorders in first trimester of pregnancy. Indian J Endocr Metab [serial online] 2014 [cited 2014 Sep 25]; 18: 735-8. Available from: http://www.ijem.in/text.asp?2014/18/5/735/139221.

GLUCOSE,PP (Method:GOD POD)	109	(70 - 140 mg/dl)	
CHLORIDE,BLOOD (Method:ISE DIRECT)	106	98 - 107	mEq/L
CREATININE, BLOOD (Method:ENZYMATIC)	<u>0.57</u>	0.60 - 1.1 mg/dl	mg/dL
SODIUM,BLOOD (Method:ISE DIRECT)	140	136 - 145	mEq/L
UREA,BLOOD (Method:UREASE-GLDH)	15.7	12.8-42.8	mg/dl
CALCIUM,BLOOD (Method:ARSENAZO III)	8.70	8.6 - 10.2 mg/dl	mg/dL
*TOTAL PROTEIN [BLOOD] ALB:	GLO RATIO , .		
TOTAL PROTEIN (Method:BIURET METHOD)	6.70	6.6 - 8.7	g/dL
ALBUMIN (Method:BCG)	3.9	3.5-5.2 g/dl	g/dl
GLOBULIN (Method:Calculated)	2.80	1.8-3.2	g/dl



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DEPARTMENT OF BIOCHEMISTRY

Test Name	Result	Bio Ref. Interval	Unit	
AG Ratio	1.39	1.0 - 2.5		
(Method:Calculated)				

GLUCOSE,FASTING	106	(70 - 110 mg/dl)	mg/dL	
(Method:GOD POD)				

*LIPID PROFILE, GEL SERUM			
CHOLESTEROL-TOTAL (Method:CHOD PAP Method)	143	Desirable: < 200 mg/dL Borderline high: 200-239 High: > or =240 mg/dL	mg/dL
TRIGLYCERIDES (Method:GPO-PAP)	100	NORMAL < 150 BORDERLINE HIGH 150-199 HIGH 200-499 VERY HIGH > 500	mg/dL
HDL CHOLESTEROL (Method:DIRECT METHOD)	45	42-88 mg/dl	mg/dL
LDL CHOLESTEROL DIRECT (Method:Direct Method)	88	OPTIMAL: <100 mg/dL, Near optimal/ above optimal: 100-129 mg/dL, Borderline high: 130-159 mg/dL, High: 160-189 mg/dL, Very high: >=190 mg/dL	mg/dL
VLDL (Method:Calculated)	10	< 40 mg/dl	mg/dL
CHOL HDL Ratio (Method:Calculated)	<u>3.2</u>	LOW RISK 3.3-4.4 AVERAGE RISK 4.47-7.1 MODERATE RISK 7.1-11.0 HIGH RISK >11.0	

*GLYCATED HAEMOGLOBIN (HBA1C),	EDTA WHOLE BLOOL	
GLYCATED HEMOGLOBIN (HBA1C)	5.5	***FOR BIOLOGICAL REFERENCE % INTERVAL DETAILS , PLEASE REFER TO THE BELOW MENTIONED REMARKS/NOTE WITH ADDITIONAL CLINICAL INFORMATION ***
HbA1c (IFCC) (Method:HPLC)	37.0	mmol/mol

Clinical Information and Laboratory clinical interpretation on Biological Reference Interval:

Analyzer used: BIORAD D-10

Method: HPLC

Recommendations for glycemic targets

- Ø Patients should use self-monitoring of blood glucose (SMBG) and HbA1c levels to assess glycemic control.
- Ø The timing and frequency of SMBG should be tailored based on patients' individual treatment, needs, and goals.
- Ø Patients should undergo HbA1c testing at least twice a year if they are meeting treatment goals and have stable glycemic control.
- Ø If a patient changes treatment plans or does not meet his or her glycemic goals, HbA1c testing should be done quarterly.
- \emptyset For most adults who are not pregnant, HbA1c levels should be <7% to help reduce microvascular complications and macrovascular disease . Action suggested >8% as it indicates poor control.

Ø Some patients may benefit from HbA1c goals that are stringent.

Result alterations in the estimation has been established in many circumstances, such as after acute/ chronic blood loss, for example, after surgery, blood transfusions, hemolytic anemia, or high erythrocyte turnover; vitamin B_{12} / folate deficiency, presence of chronic renal or liver disease; after administration of high-dose vitamin E / C; or erythropoietin treatment.



: CITY CENTER, DURGAPUR PIN-7132 Lab No. : DUR/23-12-2023/SR8552060 Lab Add.

: Dr.MEDICAL OFFICER **Patient Name** : ADITY GAUTAM ADHIKARY Ref Dr. : 35 Y 7 M 28 D **Collection Date** : 23/Dec/2023 10:53AM Gender : F Report Date : 23/Dec/2023 04:15PM



DEPARTMENT OF BIOCHEMISTRY

Test Name Bio Ref. Interval Unit

Reference: Glycated hemoglobin monitoring BMJ 2006; 333;586-8

- 1. Chamberlain JJ, Rhinehart AS, Shaefer CF, et al. Diagnosis and management of diabetes: synopsis of the 2016 American Diabetes Association Standards of Medical Care in Diabetes. Ann Intern Med. Published online 1 March 2016. doi:10.7326/M15-3016.
 2. Mosca A, Goodall I, Hoshino T, Jeppsson JO, John WG, Little RR, Miedema K, Myers GL, Reinauer H, Sacks DB, Weykamp CW. International Federation of Clinical Chemistry and Laboratory Medicine, IFCC Scientific Division. Global standardization of glycated hemoglobin measurement: the position of the IFCC Working Group. Clin Chem Lab Med. 2007;45(8):1077-1080.

PDF Attached

*** End Of Report ***

Dr Sayak Biswas MBBS, MD Consultant Pathologist

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 Patient Name
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 : 23/Dec/2023 04:29PM



DEPARTMENT OF HAEMATOLOGY

Test Name	Result	Bio Ref. Interval	Unit
*CBC WITH PLATELET (THROMBOCYTE)	COUNT, EDTA WHOLE	BLOOD	
HEMOGLOBIN (Method:PHOTOMETRIC)	<u>11.7</u>	12 - 15	g/dL
WBC (Method:DC detection method)	7.7	4 - 10	*10^3/µL
RBC (Method:DC detection method)	3.90	3.8 - 4.8	*10^6/µL
PLATELET (THROMBOCYTE) COUNT (Method:DC detection method/Microscopy) DIFFERENTIAL COUNT	303	150 - 450*10^3	*10^3/µL
NEUTROPHILS (Method:Flowcytometry/Microscopy)	64	40 - 80 %	%
LYMPHOCYTES (Method:Flowcytometry/Microscopy)	31	20 - 40 %	%
MONOCYTES (Method:Flowcytometry/Microscopy)	03	2 - 10 %	%
EOSINOPHILS (Method:Flowcytometry/Microscopy)	02	1 - 6 %	%
BASOPHILS (Method:Flowcytometry/Microscopy) CBC SUBGROUP	00	0-0.9%	%
HEMATOCRIT / PCV (Method:Calculated)	37.6	36 - 46 %	%
MCV (Method:Calculated)	<u>71.4</u>	83 - 101 fl	fl
MCH (Method:Calculated)	22.2	27 - 32 pg	pg
MCHC (Method:Calculated)	<u>31.0</u>	31.5-34.5 gm/dl	gm/dl
RDW - RED CELL DISTRIBUTION WIDTH (Method:Calculated)	<u>16.2</u>	11.6-14%	%
PDW-PLATELET DISTRIBUTION WIDTH (Method:Calculated)	17.8	8.3 - 25 fL	fL
MPV-MEAN PLATELET VOLUME (Method:Calculated)	10.5	7.5 - 11.5 fl	

*ESR (ERYTHROCYTE SEDIME	ENTATION RATE), EDTA WI	HOLE BLOOD	_	
1stHour	<u>25</u>	0.00 - 20.00 mm/hr	mm/hr	
(Method:Westergren)				

*** End Of Report ***

Dr Sayak Biswas MBBS, MD Consultant Pathologist

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DEPARTMENT OF HAEMATOLOGY

Test Name Result Bio Ref. Interval Unit

BLOOD GROUP ABO+RH [GEL METHOD], EDTA WHOLE BLOOD

ABO E

(Method:Gel Card)

RH POSITIVE

(Method:Gel Card)

TECHNOLOGY USED: GEL METHOD

ADVANTAGES:

- · Gel card allows simultaneous forward and reverse grouping.
- Card is scanned and record is preserved for future reference.
- · Allows identification of Bombay blood group.
- Daily quality controls are run allowing accurate monitoring.

Historical records check not performed.

*** End Of Report ***

Kaushin Dey

MD (PATHOLOGY)
CONSULTANT PATHOLOGIST

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 Patient Name
 : ADITY GAUTAM ADHIKARY
 Ref Dr.
 : Dr.MEDICAL OFFICER

 Age
 : 35 Y 7 M 28 D
 Collection Date
 : 03/Jan/2024 12:50PM

 Gender
 : F
 Report Date
 : 03/Jan/2024 05:01PM



DEPARTMENT OF PATHOLOGY REPORT ON EXAMINATION OF CERVICAL SMEAR FOR EXFOLIATIVE

SITE:

Conventional cervicovaginal cytology.

SPECIMEN ADEQUACY:

Adequate for evaluation but limited by evaluation endocervical cell.

GENERAL DIAGNOSTIC CATEGORIZATION:

Negative for intraepithelial lesion / malignancy.

MICROSCOPY:

Smear show predominantly intermediate & superficial squamous cells in a background containing lactobacilli.

Metaplastic cell - few.
Inflammatory cell - not seen.

Dysplastic cell - not seen on smear examined.

IMPRESSION:

Smear Negative for Dysplasia..
Note: Please correlate clinically.
ENCL:ONE (01) slide.

*** End Of Report ***

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Dr Sayak Biswas MBBS, MD Consultant Pathologist



 Patient Name
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Gender : F Report Date : 23/Dec/2023 11:07AM



X-RAY REPORT OF CHEST (PA)

FINDINGS:

No active lung parenchymal lesion is seen.

Both the hila are normal in size, density and position.

Mediastinum is in central position. Trachea is in midline.

Domes of diaphragm are smoothly outlined. Position is within normal limits.

Lateral costo-phrenic angles are clear.

The cardio-thoracic ratio is normal.

Bony thorax reveals no definite abnormality.

IMPRESSION:

· Normal study.

*** End Of Report ***

DNB (Radio-diagnosis) Senior Consultant Radiologist

Dr Nidhi Sehgal

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 : 23/Dec/2023 02:23PM



DEPARTMENT OF CLINICAL PATHOLOGY

lest Name	Result	Bio Ref. Interval	Unit
*URINE ROUTINE ALL, ALL, URINE			

*URINE ROUTINE ALL, ALL, URINE			
PHYSICAL EXAMINATION			
COLOUR	PALE YELLOW		
APPEARANCE	SLIGHTLY HAZY		
CHEMICAL EXAMINATION			
pН	5.5	4.6 - 8.0	
(Method:Dipstick (triple indicator method))			
SPECIFIC GRAVITY	1.005	1.005 - 1.030	
(Method:Dipstick (ion concentration method))	NOT DETECTED	NOT DETECTED	
PROTEIN (Method:Dipstick (protein error of pH	NOT DETECTED	NOT DETECTED	
indicators)/Manual)			
GLUCOSE	NOT DETECTED	NOT DETECTED	
(Method:Dipstick(glucose-oxidase-peroxidase			
method)/Manual)			
KETONES (ACETOACETIC ACID,	NOT DETECTED	NOT DETECTED	
ACETONE) (Method:Dipstick (Legals test)/Manual)			
BLOOD	TRACE	NOT DETECTED	
(Method:Dipstick (pseudoperoxidase reaction))	INACL	NOT BETECTED	
BILIRUBIN	NEGATIVE	NEGATIVE	
(Method:Dipstick (azo-diazo reaction)/Manual)			
UROBILINOGEN	NEGATIVE	NEGATIVE	
(Method:Dipstick (diazonium ion reaction)/Manual)			
NITRITE	NEGATIVE	NEGATIVE	
(Method:Dipstick (Griess test)) LEUCOCYTE ESTERASE	TRACE	NEGATIVE	
(Method:Dipstick (ester hydrolysis reaction))	IRACE	NEGATIVE	
MICROSCOPIC EXAMINATION			
LEUKOCYTES (PUS CELLS)	1-2	0-5	/hpf
(Method:Microscopy)	. =		,p.
EPITHELIAL CELLS	1-2	0-5	/hpf
(Method:Microscopy)			
RED BLOOD CELLS	0-1	0-2	/hpf
(Method:Microscopy)	NOT DETECTED	NOT DETECTED	
CAST (Method:Microscopy)	NOT DETECTED	NOT DETECTED	
CRYSTALS	NOT DETECTED	NOT DETECTED	
(Method:Microscopy)	NOT DETECTED	NOT DETECTED	
BACTERIA	NOT DETECTED	NOT DETECTED	
(Method:Microscopy)			
YEAST	NOT DETECTED	NOT DETECTED	
(Method:Microscopy)			

Note:

- $1. \ All \ urine \ samples \ are \ checked \ for \ adequacy \ and \ suitability \ before \ examination.$
- 2. Analysis by urine analyzer of dipstick is based on reflectance photometry principle. Abnormal results of chemical examinations are confirmed by manual methods.
- 3. The first voided morning clean-catch midstream urine sample is the specimen of choice for chemical and microscopic analysis.
- 4. Negative nitrite test does not exclude urinary tract infections.
- 5. Trace proteinuria can be seen in many physiological conditions like exercise, pregnancy, prolonged recumbency etc.
- 6. False positive results for glucose, protein, nitrite, urobilinogen, bilirubin can occur due to use of certain drugs, therapeutic dyes, ascorbic acid, cleaning agents used in urine collection container.
- 7. Discrepancy between results of leukocyte esterase and blood obtained by chemical methods with corresponding pus cell and red blood cell count by microscopy can occur due to cell lysis.
- 8. Contamination from perineum and vaginal discharge should be avoided during collection, which may falsely elevate epithelial cell count and show presence of bacteria

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DEPARTMENT OF CLINICAL PATHOLOGY

Test Name Result Bio Ref. Interval Unit

and/or yeast in the urine.

*** End Of Report ***

Dr Sayak Biswas

MBBS, MD Consultant Pathologist

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 : 23/Dec/2023 07:13PM



DEPARTMENT OF CARDIOLOGY REPORT OF E.C.G.

IMPRESSION	:	• Sinus Arrhythmia.
T WAVE	31	Degree
QRS WAVE	49	Degree
P WAVE	27	Degree
AXIS		
QTC INTERVAL	426	Ms
QT INTERVAL	396	Ms
QRS DURATION	80	Ms
PR INTERVAL	160	Ms
HEART RATE	68	Bpm
DATA		

Please correlate clinically

*** End Of Report ***

Dr. Abhijit Ghosh

M.D.DipCard(PGDCC)Apollohospital,chennai

CCEBDM.CCMH

Consultant Clinical Cardiologist



Lab No. : DUR/23-12-2023/SR8552060 **Lab Add.**

 Patient Name
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Age : 35 Y 7 M 28 D Collection Date :

Gender : F Report Date : 23/Dec/2023 01:42PM



DEPARTMENT OF ULTRASONOGRAPHY

REPORT ON EXAMINATION OF WHOLE ABDOMEN

<u>LIVER</u>: Normal in size (12.88 cm), shape with *mild increased echogenicity suggesting fat infiltration grade I. Small simple cyst measuring 3.1 mm is seen in left lobe of liver*. Intrahepatic biliary radicles are not dilated. The portal vein branches and hepatic veins are normal.

GALL BLADDER: Well distended lumen shows no intra-luminal calculus or mass. Wall thickness is normal. No pericholecystic collection or mass formation is noted.

PORTA HEPATIS: The portal vein is normal in caliber (0.90 cm) with clear lumen. The common bile duct is normal in caliber. Visualized lumen is clear. Common bile duct measures approx (0.30 cm) in diameter.

PANCREAS: It is normal in size, shape and echopattern. Main pancreatic duct is not dilated. No focal lesion of altered echogenicity is seen. The peripancreatic region shows no abnormal fluid collection.

SPLEEN: It is normal in size (9.30 cm), shape and shows homogeneous echopattern. No focal lesion is seen. No abnormal venous dilatation is seen in the splenic hilum.

<u>KIDNEYS</u>: Both kidneys are normal in size, shape and position. Cortical echogenicity and thickness are normal with normal cortico-medullary differentiation in both kidneys. No calculus, hydronephrosis or mass is noted. The perinephric region shows no abnormal fluid collection. Right Kidney measures: 11.13 cm and Left Kidney measures: 10.89 cm.

URETER: Both ureters are not dilated. No calculus is noted in either side.

PERITONEUM & RETROPERITONEUM: The aorta and IVC are normal. Lymph nodes are not enlarged. No free fluid is seen in peritoneal cavity.

URINARY BLADDER: It is adequately distended providing optimum scanning window. The lumen is clear and wall thickness is normal.

<u>UTERUS:</u> It is normal in size, shape and echopattern. No focal myometrial lesion is seen. Endometrial echo is in midline. Endometrium measures 13.9 mm. Endometrial cavity is empty. Cervix is normal. Uterus measures: 8.97 cm x 5.54 cm x 5.20 cm.

RIGHT OVARY: It is normal in size, shape and echopattern. Right ovary measures: 2.37 cm x 2.25 cm.

<u>LEFT OVARY:</u> Left ovary is bulky measuring 5.23 cm x 5.17 cm. Well defined clear cyst measuring 3.97 cm x 3.74 cm is seen in left ovary.

IMPRESSION:

- Bulky left ovary with a clear cyst.
- Fatty liver Grade I.
- Small simple hepatic cyst.

*** Please correlate clinically.

Kindly note

Ultrasound is not the modality of choice to rule out subtle bowel lesion.

Please Intimate us for any typing mistakes and send the report for correction within 7 days.

The science of Radiological diagnosis is based on the interpretation of various shadows produced by both the normal and abnormal tissues and are not always conclusive. Further biochemical and



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Gender :F Report Date : 23/Dec/2023 01:42PM

radiological investigation & clinical correlation is required to enable the clinician to reach the final diagnosis.

The report and films are not valid for medico-legal purpose.

Patient Identity not verified.

Dr Nidhi Sehgal DNB (Radio-diagnosis) Senior Consultant Radiologist