



Name:	<b>MONALI PRADHAN</b>	Registration No.:	593128
Age/Gender:	21 Y/Female	Registered:	24/Dec/2022 06:30PM
Patient ID:	012212240156	Analysed:	24/Dec/2022 09:46PM
BarcodeNo:	61741446	Reported:	24/Dec/2022 11:18PM
Refer By:	Dr. SHAON DUTTA(MS, GYNAECOLOGY & OBSTETRICS)	Panel:	SILIGURI RPC

### DEPARTMENT OF HORMONES

Test Name	Result	Unit	Biological Ref.Interval
<b>TSH (Thyroid-Stimulating Hormone)</b> By CLIA Method	2.34	μIU/mL	Adult: 0.38 - 5.33 < 3 Days: 3.20 - 34.60 3-4 Days: 0.70 - 15.40 5Dys.-5Mths.: 1.70 - 9.10 5Mths.-12Yrs.: 0.70 - 6.40 PREGNANCY: 1st Trimester : 0.05 – 3.70 2nd Trimester : 0.31 – 4.35 3rd Trimester : 0.41 – 5.18

#### Interpretation :

In primary hypothyroidism, thyroid-stimulating hormone (TSH) levels will be elevated. In primary hyperthyroidism, TSH levels will be low.

The ability to quantitate circulating levels of TSH is important in evaluating thyroid function. It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low or normal.

Elevated or low TSH in the context of normal free thyroxine is often referred to as subclinical hypo- or hyperthyroidism, respectively.

Thyrotropin-releasing hormone (TRH) stimulation differentiates all types of hypothyroidism by observing the change in patient TSH levels in response to TRH. Typically, the TSH response to TRH stimulation is exaggerated in cases of primary hypothyroidism, absent in secondary hypothyroidism, and delayed in tertiary hypothyroidism. Most individuals with primary hyperthyroidism have TSH suppression and do not respond to TRH stimulation with an increase in TSH over their basal value.

Sick, hospitalized patients may have falsely low or transiently elevated TSH.

#### Sample Type: Serum

Test has been performed on Access2



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 MBBS, MD ( Pathology )  
 Consultant Pathologist



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Patient ID:	012212240156	Analysed:	24/Dec/2022 09:46PM
BarcodeNo:	61741444	Reported:	25/Dec/2022 01:14AM
Refer By:	Dr. SHAON DUTTA(MS, GYNAECOLOGY & OBSTETRICS)	Panel:	SILIGURI RPC

### DEPARTMENT OF HAEMATOLOGY

Test Name	Result	Unit	Biological Ref.Interval
<b>COMPLETE BLOOD COUNT</b>			
HAEMOGLOBIN (Hb%)	11.2	gm/dL	Male(Adult) : 13 - 18 Female(Adult) : 11 - 16 Child(1 yrs) : 10 - 14 Infant : 14 - 20
<b>TOTAL COUNT</b>			
RBC	3.70	millions/cumm	4.5 - 6.5
TOTAL LEUCOCYTE COUNT	11,200	/cu.mm	4000 - 11000
PLATELET COUNT	216,000	/cu.mm	150000 - 450000
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>			
NEUTROPHILS	76	%	40 - 75
LYMPHOCYTES	20	%	20 - 45
MONOCYTES	2	%	2 - 8
EOSINOPHILS	2	%	1-4
BASOPHILS	0	%	0-2
PCV	34.2	%	35 - 54
MCV	92.4	fl	76 - 98
MCH	30.3	pg	27-32
MCHC	32.8	gm/dl	27 - 35
ESR (Erythrocyte Sedimentation Rate)	40	mm/hour	0 - 17

#### PERIPHERAL SMEAR

R.B.C : - Macrocytic with Normocytic and normochromic & few Microcytes.

W.B.C : - Neutrophilic Leucocytosis.

Platelets : - Adequate on smear.

Sample Type: Whole Blood EDTA



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Patient ID:	012212240156	Analysed:	24/Dec/2022 09:52PM
BarcodeNo:	61741426	Reported:	24/Dec/2022 10:51PM
Refer By:	Dr. SHAON DUTTA(MS, GYNAECOLOGY & OBSTETRICS)	Panel:	SILIGURI RPC

### DEPARTMENT OF BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref.Interval
<b>GLUCOSE (Fasting)</b> Hexokinase Method Sample Type: Plasma Test has been performed on AU480_2	77.84	mg/dl	70-110


  
**DR. S. DASGUPTA**  
 MD (Biochemistry)  
 (Consultant Biochemist)



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BarcodeNo:	61741444	Reported:	24/Dec/2022 11:59PM
Refer By:	Dr. SHAON DUTTA(MS, GYNAECOLOGY & OBSTETRICS)	Panel:	SILIGURI RPC

### DEPARTMENT OF SEROLOGY

Test Name	Result	Unit	Biological Ref.Interval
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#### BLOOD GROUP ABO AND RH TYPING\*

##### BLOOD GROUP ABO AND RH FACTOR

Blood Group	A
Rh Factor	POSITIVE

Sample Type: Whole Blood EDTA



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BarcodeNo:	61741446	Reported:	24/Dec/2022 11:02PM
Refer By:	Dr. SHAON DUTTA(MS, GYNAECOLOGY & OBSTETRICS)	Panel:	SILIGURI RPC

### DEPARTMENT OF SEROLOGY

Test Name	Result	Unit	Biological Ref.Interval
HEPATITIS B SURFACE ANTIGEN; HBsAg ELISA Method	0.163	COI	<0.9 Non Reactive 0.9 to 1.0 Equivocal >1.0 Positive

#### Note:

1. All Reactive results for further confirmation Molecular assays are recommended
2. Discrepant results may be observed during pregnancy, patients receiving mouse monoclonal antibodies for diagnosis or therapy & mutant forms of HBsAg
3. For diagnostic purposes, results should be used in conjunction with clinical history and other hepatitis markers for Acute or Chronic infection
4. For monitoring HBsAg levels, Quantitative HBsAg assay is recommended

#### Comment

Hepatitis B Virus (HBV) is a member of the Hepadna virus family causing infections of the liver with extremely variable clinical features. Hepatitis B is transmitted primarily by body fluids especially serum and also spread effectively sexually and from mother to baby. In most individuals HBV hepatitis is self limiting, but 1-2% normal adolescents and adults develop Chronic Hepatitis. Frequency of chronic HBV infection is 5-10% in immunocompromised patients and 80% in neonates. The initial serological marker of acute infection is HBsAg which typically appears 2-3 months after infection and disappears 12-20 weeks after onset of symptoms. Persistence of HBsAg for more than six months indicates development of carrier state or Chronic liver disease.

#### Uses

◆ Routine screening of blood and blood products to prevent transmission of Hepatitis B virus (HBV) to recipients ◆ To diagnose suspected HBV infection and monitor the status of infected individuals ◆ To evaluate the efficacy of antiviral drugs ◆ For Prenatal Screening of pregnant women

Sample Type: Serum



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### DEPARTMENT OF SEROLOGY

Test Name	Result	Unit	Biological Ref.Interval
HCV (Hepatitis C Virus) AntiBody By Elisa Method	0.127	AI	Negative: < 0.9 Equivocal: 0.9 - 1.0 Positive: > 1.0

Sample Type: Serum



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Patient ID:	012212240156	Analysed:	24/Dec/2022 09:46PM
BarcodeNo:	61741445	Reported:	24/Dec/2022 11:11PM
Refer By:	Dr. SHAON DUTTA(MS, GYNAECOLOGY & OBSTETRICS)	Panel:	SILIGURI RPC

## DEPARTMENT OF CLINICAL PATHOLOGY

Test Name	Result	Unit	Biological Ref.Interval
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### URINE ROUTINE EXAMINATION\*

#### PHYSICAL EXAMINATION

VOLUME	20 ML
COLOUR	PALE YELLOW
APPEARANCE	CLEAR
SEDIMENT	ABSENT
BLOOD	ABSENT

#### CHEMICAL EXAMINATION

REACTION	ACIDIC
SP. GRAVITY	1.020
BILE SALTS	ABSENT
BILE PIGMENTS	ABSENT
GLUCOSE	NIL
URINE ALBUMIN	NIL

#### MICROSCOPIC EXAMINATION

R.B.C.	NIL	/H.P.F
EPITHELIAL CELLS	2 - 3	/H.P.F
PUS CELLS	2 - 4	/H.P.F
CASTS	NIL	-
CRYSTALS	NIL	
OTHERS.	BACTERIA (+)	

Sample Type:Urine

- (1) The Results relate only to the items tested.  
 (2) The test report shall not be reproduced except in full, without approval of the authority.

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



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