

Patient Name : MRS. MADHUSMITA BHUTIA

Age / Gender : 22 years / Female

Patient ID : 16560

Referral : MEDI WHEEL

Collection Time : 30/05/2023, 12:02 PM

Reporting Time : 30/05/2023, 03:50 PM

Sample ID :



Test Description	Value(s)	Reference Range	Unit
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HbA1c, Glycosylated Hemoglobin

HbA1c (GLYCOSYLATED HEMOGLOBIN), BLOOD	4.66		%
Method : (HPLC, NGSP certified)			
Estimated Average Glucose :	87.04	-	mg/dL

Interpretation

As per American Diabetes Association (ADA)	
Reference Group	HbA1c in %
Non diabetic adults >=18 years	<5.7
At risk (Prediabetes)	5.7 - 6.4
Diagnosing Diabetes	>= 6.5
Therapeutic goals for glycemic control	Age > 19 years Goal of therapy: < 7.0 Action suggested: > 8.0 Age < 19 years Goal of therapy: <7.5

Note:

1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled .
2. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal of < 7.0 % may not be appropriate.

Comments

HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

ADA criteria for correlation between HbA1c & Mean plasma glucose levels.

HbA1c(%)	Mean Plasma Glucose (mg/dL)
6	126
7	154
8	183
9	212

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Test Description	Value(s)	Reference Range	Unit
10	240		
11	269		
12	298		

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Lab technician


Dr. Kundan Kumar Sahoo
CONSULTANT PATHOLOGIST /
MICROBIOLOGIST

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Test Description	Value(s)	Reference Range	Unit
Thyroid Profile (T3, T4, TSH)			
T3-Total Method : CLIA	1.24	0.87 - 2.73	ng/dL
T4-Total Method : CLIA	9.66	6.09 - 12.23	ug/dL
TSH-Ultrasensitive Method : CLIA	2.16	0.45 - 4.5	uIU/mL
		First Trimester : 0.1-2.5	
		Second Trimester : 0.2-3.0	
		Third trimester : 0.3-3.0	

Interpretation

TSH	T3	T4	Suggested Interpretation for the Thyroid Function Tests Pattern
Raised	Within range	Within range	Raised Within Range Within Range .Isolated High TSH especially in the range of 4.7 to 15 mIU/ml is commonly associated with Physiological & Biological TSH Variability. Subclinical Autoimmune Hypothyroidism. Intermittent 14 therapy for hypothyroidism .Recovery phase after Non-Thyroidal illness"
Raised	Decreased	Decreased	Chronic Autoimmune Thyroiditis Post thyroidectomy, Post radioiodine Hypothyroid phase of transient thyroiditis"
Raised or within range	Raised	Raised or within range	Interfering antibodies to thyroid hormones (anti-TPO antibodies) Intermittent 14 therapy or T4 overdose •Drug interference- Amiodarone, Heparin, Beta blockers, steroids, anti-epileptics.
Decreased	Raised or within range	Raised or within range	Isolated Low TSH -especially in the range of 0.1 to 0.4 often seen in elderly & Range Range associated with Non-Thyroidal illness .Subclinical Hyperthyroidism .Thyroxine ingestion'
Decreased	Decreased	Decreased	Central Hypothyroidism .Non-Thyroidal illness .Recent treatment for Hyperthyroidism (TSH remains suppressed)"
Decreased	Raised	Raised	Primary Hyperthyroidism (Graves' disease). Multinodular goitre, Toxic nodule •Transient thyroiditis: Postpartum, Silent (lymphocytic), Postviral (granulomatous, subacute, DeQuervain's), Gestational thyrotoxicosis with hyperemesis gravidarum"
Decreased Within Rang	Raised	Within range	T3 toxicosis •Non-Thyroidal illness
Within range	Decreased	Within range	Isolated Low T3 -often seen in elderly & associated Non-Thyroidal illness In elderly the drop in 13 level can be upto 25%.

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19039

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[Signature]
Lab technician

[Signature]
Dr. Kundan Kumar Sahoo
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AGE: 22Y M I
 CMS K9
 30/05/2023 12:22:56
 ZENA HEAL THCARE
 PLOT-119, SAHIDNAGAR, BHUBANESWAR

MAHARUSMI JA BHUTIA
 FEMALE

Dr.
 REF.

14 spk SINUS RHYTHM
 R-R : 849 ms
 P-R : 110 ms
 QRS : 10 ms
 QT : 374 ms
 QTc : 399 ms
 - - AXIS - -
 P : 45°
 QRS : 14°
 T : 52°
 NORMAL ECG

12 LEAD REPORT FORMAT 3x4+1L SQ



25mm/sec 10mm/mV Notch: ON BiC:ON 0.05 - 35Hz ALLENGERS PISCES 1012(VER-1.9) CLINICALLY CORRELATE THE FINDINGS



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NAME:- MADHUSMITA BHUTIA
AGE:-22YRS
Patient ID:-1

REFERRAL:-MEDI WHEEL
DATE:-30.05.2023
SEX:-FEMALE

CHEST X-RAY PA VIEW SHOWS.

- Both side lung fields are clear.
- Trachea within normal limit.
- Both costophrenic cardiophrenic angle are clear.
- Cardiac shadow within normal limit.
- Media stinum in position

IMPRESSION:-NORMAL STUDY.

B. Ashar

Dr. Bhagaban Pradhan
M.D.(Radio diagnosis)

Consultant Radiologist

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Test Description	Value(s)	Reference Range	Unit
<u>Blood Group ABO & Rh Typing, Blood</u>			
Blood Group (ABO typing) Method : Manual-Hemagglutination	"O"		
RhD Factor (Rh Typing) Method : Manual hemagglutination	Positive		
<u>ESR, Erythrocyte Sedimentation Rate</u>			
ESR - Erythrocyte Sedimentation Rate Method : EDTA Whole Blood, Manual Westergren	20	0 - 20	mm/hr

Interpretation:

- It indicates presence and intensity of an inflammatory process. It does not diagnose a specific disease. Changes in the ESR are more significant than the abnormal results of a single test.
- It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, bacterial endocarditis, acute rheumatic fever, rheumatoid arthritis, SLE, Hodgkins disease, temporal arteritis and polymyalgia rheumatica.
- It is also increased in pregnancy, multiple myeloma, menstruation, and hypothyroidism.

END OF REPORT


Lab technician


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Test Description	Value(s)	Reference Range	Unit
Glucose, Fasting (FBS)			
Glucose fasting Method : Fluoride Plasma-F, Hexokinase	78.01	75 - 115	mg/dL
Glucose, Post Prandial (PP)			
Blood Glucose-Post Prandial Method : Hexokinase	92.08	70 - 140	mg/dL
BUN, Serum			
BUN-Blood Urea Nitroge Method : Serum, Urease	13.61	10 - 50	mg/dL
Creatinine			
Creatinine Method : Serum, Jaffe	0.76	0.60 - 1.30	mg/dL
Uric acid, Serum			
Uric Acid Method : Uricase, Colorimetric	4.93	3.4 - 7.0	mg/dL

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Test Description	Value(s)	Reference Range	Unit
Complete Blood Count			
Hemoglobin (Hb)	12.8	12.0 - 15.0	gm/dL
Erythrocyte (RBC) Count	4.27	3.8 - 4.8	mil/cu.mm
Packed Cell Volume (PCV)	37.5	36 - 46	%
Mean Cell Volume (MCV)	87.82	83 - 101	fL
Mean Cell Haemoglobin (MCH)	29.98	27 - 32	pg
Mean Corpuscular Hb Conc. (MCHC)	34.13	31.5 - 34.5	g/dL
Red Cell Distribution Width (RDW)	13.2	11.6 - 14.0	%
Total Leucocytes (WBC) Count	7600	4000-10000	cell/cu.mm
Neutrophils	59	40 - 80	%
Lymphocytes	37	20 - 40	%
Monocytes	03	2 - 10	%
Eosinophils	01	1 - 6	%
Basophils	00	1-2	%
Platelet Count	269	150 - 410	10 ³ /ul
Mean Platelet Volume (MPV)	9.8	7.2 - 11.7	fL
PCT	0.26	0.2 - 0.5	%
PDW	15.5	9.0 - 17.0	%

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Test Description	Value(s)	Reference Range	Unit
LFT, Liver Function Test			
Bilirubin - Total Method : Serum, Jendrassik Grof	0.56	0.00 - 1.00	mg/dL
Bilirubin - Direct Method : Serum, Diazotization	0.09	0.00 - 0.20	mg/dL
Bilirubin - Indirect Method : Serum, Calculated	0.47	0.10 - 0.80	mg/dL
SGOT Method : Serum, UV with P5P, IFCC 37 degree	11.24	8 - 33	U/L
SGPT Method : Serum, UV with P5P, IFCC 37 degree	17.65	3 - 35	U/L
GGT-Gamma Glutamyl Transpeptidase Method : Serum, G-glutamyl-carboxy-nitroanilide	6.41	< 38	U/L
Alkaline Phosphatase Method : PNPP-AMP Buffer/Kinetic	76.81	42-141	U/L
Total Protein Method : Serum, Biuret, reagent blank end point	6.72	6.60 - 8.70	g/dL
Albumin Method : Serum, Bromocresol green	4.22	3.50 - 5.30	g/dL
Globulin Method : Serum, EIA	2.50	2.00-3.50	g/dL
A/G Ratio Method : Serum, EIA	1.69	1.2 - 2.2	

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Lipid Profile			
Cholesterol-Total Method : Spectrophotometry	175.24	Desirable level < 200 Borderline High 200-239 High >or = 240	mg/dL
Triglycerides Method : Serum, Enzymatic, endpoint	94.28	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500	mg/dL
HDL Cholesterol Method : Serum, Direct measure-PEG	43.81	Normal: > 40 Major Risk for Heart: < 40	mg/dL
LDL Cholesterol Method : Enzymatic selective protection	112.57	Optimal < 100 Near / Above Optimal 100-129 Borderline High 130-159 High 160-189 Very High >or = 190	mg/dL
VLDL Cholesterol Method : Serum, Enzymatic	18.86	6 - 38	mg/dL
CHOL/HDL Ratio Method : Serum, Enzymatic	4	3.5 - 5.0	
LDL/HDL Ratio Method : Serum, Enzymatic	2.57	2.5 - 3.5	

Note:

8-10 hours fasting sample is required.

END OF REPORT


Lab technician


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Urine(R/M) Routine Examination of Urine

General Examination

Colour	PALE YELLOW	Pale Yellow	
Transparency (Appearance)	CLEAR	Clear	
Deposit	Absent	Absent	
Reaction (pH)	Acidic 6.0	4.5 - 7.0	
Specific gravity	1.010	1.005 - 1.030	

Chemical Examination


Urine Protein (Albumin)	Absent	Absent	
Urine Glucose (Sugar)	Absent	Absent	

Microscopic Examination

Red blood cells	Absent	0-4	/hpf
Pus cells (WBCs)	0 - 1 /HPF	0-9	/hpf
Epithelial cells	2 - 3 /HPF	0-4	/hpf
Crystals	Absent	Absent	
Cast	Absent	Absent	
Bacteria	Absent	Absent	

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MEDICAL REPORT

Date :- 30.05.2023

NAME

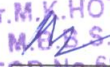
Mrs. MADHUSMITA BHUTIA

MEDICAL INFORMATION

Height:- 157 cm	Age:- 22Yrs
Weight:- 50 kg	Sex:-Female
Blood Pressure:-98 /60mmhg	Pulse:-86 /min

Body Mass Index(BMI)

20.3

Signature 
Dr. M. K. HOTA
M.B.B.S.
REGD No. 6993

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