ADVANCE DIAGNOSTICS CENTRE
C1-C2/17A, NEAR NIHARIKA TALKIES
KORBA- 495677
PH-09228333 MOBILE-9300888178

NAME	: MASTER HARJEET SINGH	19	Years / Male	Reg No.	: 18638
Ref. By	: . SELF			Reg. Date	: 30/07/2022 11:50AM
Address	: plot no. 182 TP nagar korba			Collected At	: MedZone Center

INVESTIGATION REPORT

CLINICAL BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REF RANGE	TEST METHOD
CRP (C-Reactive Protein Quantitative)				
Sample Type	: SERUM			
CRP (C-Reactive Protein Quantitative)	: 0.60	mg/L	Upto 6	Nephelometry (Fully Automated Quantitative Analyz

C-reactive protein (CRP) is a protein found in the blood, the levels of which rise in response to inflammation (an acute-phase protein). Its physiological role is to bind to phosphocholine expressed on the surface of dead or dying cells (and some types of bacteria) in order to activate the complement system via c1q. CRP is synthesized by the liver in response to factors released by fat cells (adipocytes). It is a member of the pentraxin family of proteins. It is not related to C-peptide or protein C. CRP is used mainly as a marker of inflammation. Apart from liver failure, there are few known factors that interfere with CRP production. Measuring and charting CRP values can prove useful in determining disease progress or the effectiveness of treatments. CRP is therefore a test of value in medicine, reflecting the presence and intensity of inflammation, although an elevation in C-reactive protein is not the telltale diagnostic sign of any one condition.

METHOD : Turbidometry

INSTRUMENT: A-25 Biosystem (Spain) Fully Automated Chemistry Analyser

Glucose - FBS & PLBS				
Sample Type	: PLASMA - NaF			
Blood Glucose - Fasting	: 81	mg/dl	70 - 110	GOD-POD

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INVESTIGATION REPORT

CLINICAL BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REF RANGE	TEST METHOD
Glycosylated Hemoglobin (GHb/HBA1c)				
Sample Type	: WB - EDTA			
Glycosylated Hemoglobin (GHb/HBA1c)	: 5.4	%	4.8 - 6.0 : Non Diabetic 6.0 - 7.0 : Good Control 7.0 - 8.0 : Weak Control More than 8 : Poor Control	Biorad D10 HPLC

Glycosylated hemoglobin (*hemoglobin A1c, HbA1c, A1C*, or *Hb1c*; sometimes also *HbA1c*) is a form of hemoglobin used primarily to identify the average plasma glucose concentration over prolonged periods of time. It is formed in a non-enzymatic pathway by hemoglobin's normal exposure to high plasma levels of glucose. Glycation of hemoglobin has been associated with cardiovascular disease, nephropathy and retinopathy in diabetes mellitus. Monitoring the HbA 1c in type-1 diabetic patients may improve treatment. HbA1c is a weighted average of blood glucose levels during the preceding 120 days, which is the average life span of red blood cells. A large change in mean blood glucose can increase HbA 1c levels within 1-2 weeks. Sudden changes in HbA1c may occur because recent changes in blood glucose levels contribute relatively more to the final HbA1c levels than earlier events. For instance, mean blood glucose levels in the 30 days immediately preceding blood sampling contribute 50% to the HbA1c level, whereas glucose levels in the preceding 90-120 day period contribute only 10%. Thus, it does not take 120 days to detect a clinically meaningful change in HbA1c following a significant change in mean plasma glucose level.

METHOD: Ion Exchange Chromatography High performance liquid chromatography(HPLC)

INSTRUMENT: D -10 Bio-Rad Laboratories;FRANCE

--- End Of Report ---

Sample Registered On : 30/07/2022 11:50AM
Sample Received On : 30/07/2022 01:08PM
Report Released On : 31/07/2022 11:11AM
Sample Barcode :

Home Collection

Checked By:gopal

Dr. VANDANA CHANDANI

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INVESTIGATION REPORT

CLINICAL PATHOLOGY

TEST	RESULT	UNIT	TEST METHOD
CUE (Complete Urine Examination)			
Sample Type	: URINE		
PHYSICAL EXAMINATION :			
Color	: Pale Yellow		
Appearence	: clear		
Reaction (pH)	: 5.6	4.8-7.6	
Specific Gravity	: 1.014	1.002-1.030	
CHEMICAL EXAMINATION :			
Proteins	: Absent		
Sugar	: Absent		
MICROSCOPIC EXAMINATION :			
Pus (WBC) Cells	: 1-3 /hpf		
Epithelial Cells.	: 1-3 /hpf		
R.B.C	: Absent		
Casts	: Absent		
Crystals	: Absent		

--- End Of Report ---

Sample Registered On : 30/07/2022 11:50AM
Sample Received On : 30/07/2022 01:08PM Home Collection
Report Released On : 30/07/2022 05:03PM
Sample Barcode :

Checked By:gopal

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INVESTIGATION REPORT

IMMUNOLOGY/SEROLOGY

TEST	RESULT	UNIT	BIOLOGICAL REF RANGE	TEST METHOD
Tissue Transglutaminase (tTG) Antibody-IgA				
Sample Type	: SERUM			
Tissue Transglutaminase (tTG) Antibody-IgA	: 1.2	U/ML	< 10 : NEGATIVE > 10 : POSITIVE.	

--- End Of Report ---

Sample Registered On : 30/07/2022 11:50AM
Sample Received On : 30/07/2022 01:08PM
Report Released On : 05/08/2022 12:31PM
Sample Barcode :

Home Collection

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Dr. VANDANA CHANDANI