

Patient Name : KRISHANPAL SINGH
 Age / Sex : 69 Y / M
 Referred By : Dr. S K BEHURA
 Patient ID : UGCT.0000000182
 Centre : SCC GAUR CITY-2

Lab No. : GCT23123788
 Registration On : 10-12-2023
 Collection Date : 10/Dec/2023 10:43AM
 Received Date : 10/Dec/2023 12:54PM
 Approved Date : 10/Dec/2023 02:03PM

Test Name	Result	Biological Ref. Interval	Method
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Glucose PP , Sodium Fluoride

Blood Sugar PP	188 mg/dl	70.0-140.0	GOD/POD, colorimetric
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Sample Type: Sodium Fluoride
 Technology: Dry Chemistry (VITROS MicroSlide, MicroSensor & Intellicheck Technology)
 Analyzer: Fully Automated Integrated Biochemistry & ImmunoAssay Analyzer: VITROS 5600

Additional Clinical Reference Ranges:
 *Pre-Diabetes : 140 - 199 mg/dl
 *Diabetes :- >200 mg/dl

Remarks: Please correlate clinically.

Clinical Notes: Conditions which can lead to lower postprandial glucose levels as compared to fasting glucose are excessive insulin release, rapid gastric emptying & brisk glucose absorption. Probable causes are as follows

- Early Type II Diabetes or Glucose intolerance
- Drugs like Salicylates, Beta blockers, Pentamidine etc.
- Alcohol
- Dietary including Intake of excessive carbohydrates and foods with high glycemic index
- Exercise in between samples
- Family history of Diabetes
- Idiopathic
- Partial/ Total Gastrectomy

Kidney Function Test , Serum

Blood Urea	52 mg/dL	19 - 43	Urease, Colorimetric
Blood Urea Nitrogen	24.3 mg/dL	9-20	Calculated
Creatinine	1.5 mg/dL	0.6-1.25	Enzymatic
Uric Acid	6.9 mg/dL	3.5 - 8.5	Uricase , Colorimetric
Calcium	8.8 mg/dL	8.4 - 10.2	Arsenazo III
Phosphorus	3.7 mg/dL	2.5 - 4.5	Phosphomolybdate reduction
BUN/Creatinine Ratio	16.20 Ratio		Calculated
Urea/Creatinine Ratio	35 Ratio		Calculated

Electrolytes

Sodium	140 mmol/L	137-145	ISE Direct
Potassium	4.6 mmol/L	3.5 - 5.1	ISE Direct
Chloride	105 mmol/L	98 - 107	ISE Direct

The laboratory is NABL Accredited for tests in KFT

Technology: Dry Chemistry (VITROS MicroSlide, MicroSensor and Intellicheck Technology)

Sample Type: Serum
 Analyzer: Fully Automated Biochemistry and ImmunoAssay Analyzer: VITROS 5600

Remarks: Please correlate results clinically.

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H.O.D

HOUSE of DIAGNOSTICS



MC-2853

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Test Name	Result	Biological Ref. Interval Method
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*** End Of Report ***

Dr. Pankaj Tayal
Consultant Pathologist
M.B.B.S., D.N.B. (Pathology)
DMC Reg. 83771

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SIN No:CL01603131,CL01603132

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Lab No. : GCT23123788
 Registration On : 10-12-2023
 Collection Date : 10/Dec/2023 10:43AM
 Received Date : 10/Dec/2023 12:57PM
 Approved Date : 10/Dec/2023 02:24PM

Test Name	Result	Biological Ref. Interval	Method
CBC , EDTA Whole Blood			
Hemoglobin	12.7 gm/dL	13.0 - 17.0	Photometric Measurement
Total RBC	4.29 million/ μ L	4.5 - 5.5	Coulter Principle
Platelet Count	165 X 10 ³ / μ L	150 - 410 x 10 ³ / μ L	Impedance
Total Leucocyte Count (WBC)	6.19 X 10 ³ / μ L	4.0 - 10.0	Coulter Principle
<u>Differential Leucocyte Count (DLC)</u>			
Neutrophils	66 %	40 - 80	Flow Cytometry
Lymphocytes	26 %	20 - 40	Flow Cytometry
Monocytes	06 %	2 - 10	Flow Cytometry
Eosinophils	02 %	1 - 6	Flow Cytometry
Basophils	00 %	0 - 1	Flow Cytometry
Absolute Neutrophil Count	4.09 X 10 ³ / μ L	2.0 - 7.5	Flow Cytometry
Absolute Lymphocyte Count	1.61 X 10 ³ / μ L	1.0 - 4.0	Flow Cytometry
Absolute Monocyte Count	0.37 X 10 ³ / μ L	0.2 - 1.0	Flow Cytometry
Absolute Eosinophil Count	0.12 X 10 ³ / μ L	0.02 - 0.5	Flow Cytometry
Absolute Basophil Count	0.01 X 10 ³ / μ L	0.00 - 0.30	Flow Cytometry
<u>Indices</u>			
Hematocrit	39.8 %	40 - 50	Calculated
Mean Corpuscular Volume (MCV)	92.7 fL	83 - 101	Calculated
Mean Corp. Hemoglobin (MCH)	29.7 pg	27 - 32	Calculated
MCH Concentration (MCHC)	32.0 g/dl	31.5 - 34.5	Calculated
Red Cell Dist. Width (RDW-CV)	13.8 %	11.5 - 14.5	Calculated
Red Cell Dist. Width (RDW-SD)	48.6 fL	39 - 46	Calculated
Mean Platelet Volume (MPV)	14.4 fL	7-5 - 12.0	Calculated
Neutrophil-Lymphocyte Ratio (NLR)	2.54 Ratio		Calculated
Mentzer Index	21.61 Index		Calculated

Remarks: Please correlate with clinical conditions.

*** End Of Report ***

In case of any discrepancy due to typing error, kindly get it rectified immediately. This is professional opinion, not a diagnosis.

Dr. Pankaj Tayal
 Consultant Pathologist
 M.B.B.S., D.N.B. (Pathology)
 DMC Reg. 83771

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Conditions Of Reporting

- ▶ The report results are for information and interpretation for your referring doctor. Reports are to be correlated with the patient's clinical history.
- ▶ Biological Reference Range/Interval is suggested for your Gender and Age on the basis of available literature. All reference ranges are to be reconsidered by physician's advice for your specific care.
- ▶ This Medical Report is a professional opinion, not a diagnosis.
- ▶ The report will carry the name and age provided at the time of registration. To maintain confidentiality, certain reports may not be e-mailed at the discretion of the management.
- ▶ All the notes and interpretation beneath the pathology result in the report provided are for educational purpose only. It is not intended to be a substitute for physician's consultation.
- ▶ Results of tests may vary from laboratory to laboratory and in some parameters from time to time for the same patients. Test results and reference range may also vary depending on the technology and methodology used. Laboratory test results may also vary depending on the age, sex, time of the day sample has been taken, diet, medication and limitation of modern technology.
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