

**Client****Lanka**

Pathkind Diagnostic Pvt. Ltd.

31/82 A-9-B, Rashmi Nagar, Bhogabir, Near BHU Emergency Gate

Processed By**Pathkind Diagnostic Pvt. Ltd.**

Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name	: Dr. DUMMY CL29	Billing Date	: 08/12/2020 13:40:47
Age	: 44 Yrs	Sample Collected on	: 08/12/2020 14:04:31
Sex	: Male	Sample Received on	: 09/12/2020 13:39:17
P. ID No.	: P120855200	Report Released on	: 09/12/2020 16:37:06
Accession No	: 120820000012608	Barcode No.	: 1208000797
Referring Doctor	: SELF	Ref no.	:
Referred By	:		

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

*** C-Peptide** **10.96 H** 1.10 - 4.40 ng/mL

Sample: Serum

Method: ECLIA

C-Peptide**COMMENTS / INTERPRETATION :**

C-Peptide originates in the pancreatic beta-cells as an inert by-product in the synthesis of insulin from pro-insulin and is equimolar to the insulin produced, hence can serve as an index of endogenous insulin secretion.

Clinical uses-

- * To differentiate type-1 and type 2 diabetes in newly diagnosed cases.
- * To differentiate insulin resistance from low insulin production in type 2 diabetes melitus
- * To monitor beta cell activity over time and to decide about starting insulin therapy
- * As an alternative to endogenous insulin testing in cases where prolonged use of exogenous insulin leads to production of anti-insulin antibodies
- * Along with blood sugar and insulin levels, helps in diagnosing cause of acute/ recurrent hypoglycemia and monitors its treatment
- * In diagnosis of insulinomas where high/ uncontrolled levels of insulin or C-Peptide are seen.
- * In evaluation of metabolic syndrome
- * In diagnosis of gastrinomas associated with MEN I
- * In polycystic ovarian syndrome to determine the degree of insulin resistance

High levels are seen in

- * High endogenous insulin production - As a response to high levels of glucose and In insulin resistance.

- * Insulinoma
- * Hypokalemia

- * Pregnancy
- * Cushing syndrome

- * Renal failure Low levels are seen in:

120820000012608 Dr. DUMMY CL29



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Test Name	Result	Biological Ref. Interval	Unit
* Insulinoma on treatment			
* Low levels of endogenous insulin production seen in case of under production of insulin or its suppression by exogenous insulin			

*** Marked tests are processed in our companion laboratories****** End of Report*****Shweta Paul***Dr. Shweta Paul**

Consultant-Biochemist

120820000012608 Dr. DUMMY CL29



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HEART	Lipid Profile	Lipid Profile with Direct LDL	Lipid Profile with Direct LDL
DIABETES	FBS, HbA1c	FBS, HbA1c, Microalbumin	FBS, HbA1c, Microalbumin
KIDNEY	BUN, Creatinine, Bun/Creatinine Ratio, Electrolytes, Uric Acid, Urine R/E	BUN, Creatinine, BUN/Creatinine Ratio, Electrolytes, Uric Acid, Urine R/E	BUN, Creatinine, BUN/Creatinine Ratio, Electrolytes, Uric Acid, Urine R/E
BONES	Vitamin D, Calcium	Vitamin D, Calcium, Phosphorus	Vitamin D, Calcium, Phosphorus, Rheumatoid Factor
THYROID	T3, T4, TSH	T3, T4, TSH	FT3, FT4, TSH
NERVES	Vitamin B12	Vitamin B12	Vitamin B12
LIVER	Bilirubin (Total, Direct, Indirect), SGOT, SGPT, ALP, Protein, Albumin, Globulin, A:G Ratio, HBsAg	Bilirubin (Total, Direct, Indirect), SGOT, SGPT, ALP, GGT, LDH, Protein, Albumin, Globulin, A:G Ratio, HBsAg	Bilirubin (Total, Direct, Indirect), SGOT, SGPT, ALP, GGT, LDH, Protein, Albumin, Globulin, A:G Ratio, HBsAg
ANAEMIA	Iron, TIBC, UIBC, % Saturation	Iron, TIBC, UIBC, % Saturation, Ferritin	Iron, TIBC, UIBC, % Saturation, Ferritin, Folic Acid
INFECTION	CBC, ESR	CBC, ESR	CBC, ESR

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