

Patient Name : Mr Dummy

DOB/Age/Gender : 45 Y/Male

Patient ID / UHID : XXX

Referred By : Dr.

Sample Type : Serum

Barcode No : XXX

Bill Date : Feb 10, 2024, 08:38 PM

Sample Collected : Feb 11, 2024, 07:19 AM

Sample Received : Feb 11, 2024, 02:53 PM

Report Date : Feb 11, 2024, 07:26 PM

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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## BIOCHEMISTRY REPORT

## HOMA- IR With C Peptide

C Peptide Fasting

C - PEPTIDE (Fasting) Method : CMIA	3.1	ng/mL	0.78 - 1.89
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**Result rechecked. Please correlate clinically .****Interpretation:****Clinical Use**

1. Assess pancreatic islet cell function
2. Distinguish insulin secreting tumors ( Insulinoma) from exogenous insulin administration as a cause of hypoglycemia ( commercial insulin does not contain C-peptide). Sera from Insulinoma patients have high insulin and high C-peptide levels whereas hypoglycemia from injected or exogenous insulin shows high insulin and low C-peptide levels.
3. Distinguish Type I and Type II Diabetes mellitus

**Increased Levels –**

Insulinoma &amp; Type II Diabetes

**Decreased Levels-**

Type I Diabetes &amp; Exogenous insulin administration

Disclaimer: This is a sample report. The method and reference range in the actual report might vary as per lab accreditation or certification and equipments where sample is processed.

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All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.