



## Yash M. Patel

Age : 21 Years

Sex : Male

PID : 555



## Sample Collected At:

125, Shivam Bungalow, S G Road,  
Mumbai

Ref. By: Dr. Hiren Shah



Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

## C-PEPTIDE FASTING

Investigation	Result	Reference Value	Unit
C-PEPTIDE FASTING, SERUM CLIA	11.00 High	0.50- 2.00	ng/mL

### Note:

In normal individuals, the molar ratio of C-peptide to insulin in the fasting state is 5:1

### Clinical Use :

- Assess pancreatic islet cell function.
- 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.
- Distinguish Type I and Type II Diabetes mellitus.

**Increased Levels** - Insulinoma & Type II Diabetes

**Decreased Levels**- Type I Diabetes & Exogenous insulin administration

Thanks for Reference

\*\*\*\*End of Report\*\*\*\*

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(DMLT, BMLT)

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(MD, Pathologist)

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(MD, Pathologist)

