

Patient Name	:		Bill Date	:	Aug 14, 2023, 03:53 PM
DOB/Age/Gender	:		Sample Collected	:	Aug 14, 2023, 03:53 PM
Patient ID / UHID	:		Sample Received	:	Aug 14, 2023, 05:09 PM
Referred By	:		Report Date	:	Aug 14, 2023, 07:49 PM
Sample Type	:		Report Status	:	Final Report
Barcode No	:				

Test Description	Value(s)	Unit(s)	Reference Range
------------------	----------	---------	-----------------

BIOCHEMISTRY REPORT

Insulin Fasting

Insulin (Fasting)	21.05	μU/mL	<25
Method : ECLIA			

Interpretation:

Note

1. A single random blood sample for insulin may provide insufficient information due to wide variation in the time responses of insulin levels and blood glucose.
2. Stimulation of insulin secretion may be caused by many factors like hyperglycemia, glucagon, amino acids, growth hormone and catecholamines.
3. Interference in insulin assay is seen due to insulin antibodies which develop in patients treated with bovine or porcine insulin.

Clinical Utility

- Evaluation of fasting hypoglycemia
- Evaluation of Polycystic Ovary syndrome
- Classification of Diabetes mellitus
- Predict Diabetes mellitus
- Assessment of Beta cell activity
- Select optimal therapy for Diabetes
- Investigation of insulin resistance
- Predict the development of Coronary Artery Disease

Increased levels - Insulinoma, Some Type II diabetic patients, Infantile hypoglycemia, Hyperinsulinism, Obesity, Cushing's syndrome, Oral contraceptives, Acromegaly, Hyperthyroidism

Decreased levels - Untreated Type I Diabetes mellitus




Dr. Meghana Polamarasetty
MD Pathology
Consultant Pathologist

Booking Centre :- GJ Diagnostics (Visakhapatnam), Visakhapatnam, Andhra Pradesh 530003

Processing Lab :- Redcliffe Lifetech Pvt. Ltd., First Floor 14-37-38, Krishna Nagar, Maharaniapeta Andhra Pradesh-530002

Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.
2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.
4. This report shall not be deemed valid or admissible for any medico-legal purposes.
5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.

DISCLAIMER

This is a sample report provided for demonstration purposes only and does not represent an actual patient report. Test results, reference ranges, methodologies, instrumentation, and report formats may vary depending on the laboratory performing the test. The format and representation shown are indicative of reports generated by the National Reference Laboratory of Redcliffe Labs, Noida. This sample report should not be used for medical interpretation, diagnosis, or treatment decisions.