



To Authenticate Scan QR Code

Sample Collected At : C000000808-QUALITY CHECK

Bhopal
Madhya Pradesh, INDIA

Name	: MR. DUMMY	Age / Gender	: 26 Years/MALE
Reg No	: 0001EB001003	Barcode No	: E1100001234
Sample Coll Dt	: 02-02-2026 09:58 AM	Reg Date	: 02-02-2026 11:15 AM
Sample Rcv Dt	: 02-02-2026 11:15 AM	Reported Date	: 02-02-2026 12:32 PM
Report Status	: Final	Referred By	: SELF

Tests	Results	Biological Ref Range	Units	Method
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IMMUNOLOGY

INSULIN RANDOM. SERUM

INSULIN	12.0	NOT ESTABLISHED	μIU/mL	CLIA
Specimen: SERUM				

Insulin is an anabolic hormone that promotes glucose uptake, glycogenesis, lipogenesis, and protein synthesis of skeletal muscle and fat tissue through the tyrosine kinase receptor pathway. In addition, insulin is the most important factor in the regulation of plasma glucose homeostasis, as it counteracts glucagon and other catabolic hormones-epinephrine, glucocorticoid, and growth hormone.

- Use:
- Investigation for Hypoglycemia (plasma glucose levels < 55 mg/dL)
 - To help differentiate type 1 and type 2 diabetes.
 - To assist in diagnosing early type 2 diabetes, in which there is a relatively increased production of insulin with a concurrent increase in blood glucose levels
 - For reference range, refer to treating physician

End Of Report

This report is not subject to use for any medico-legal purposes

Dr. Nitesh Rawat
MD (Pathology)
Consultant Pathologist