



Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No/UHID
MaxID/Lab ID	Collection Date/Time
Ref Doctor	Reporting Date/Time

Clinical Biochemistry



Test Name	Result	Unit	Bio Ref Interval
Homa-IR Insulin Resistance Index*, Serum & Flouride			
Hexokinase, CMIA			
Glucose Plasma , Fasting	185.00	mg/dL	70.00 - 100.00
Insulin Serum , Fasting	10.08	uU/mL	2.00 - 25.00
Beta Cell Function (%B)	28.80	%	
Insulin Sensitivity (%S)	65.40	%	
Homa IR Index	1.53		<2.50

Interpretation

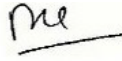
Homeostatic model assessment (HOMA) is a method for assessing beta cell function (%B) and insulin sensitivity (%S) from fasting glucose and insulin concentrations. HOMA can be used to track changes in insulin sensitivity and beta cell function to examine natural history of diabetes. Insulin sensitivity is reduced in normal subjects having first degree relative with type 2 diabetes compared with control subjects. Changes in beta cell sensitivity in subjects on insulin secretagogues may be useful in determining beta cell function over a period.

Kindly correlate with clinical findings

*** End Of Report ***



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