

Insulin IRMA

Code: RK-400CT 100 tubes

Immunoradiometric assay for the quantitative in vitro determination of Insulin in human serum.

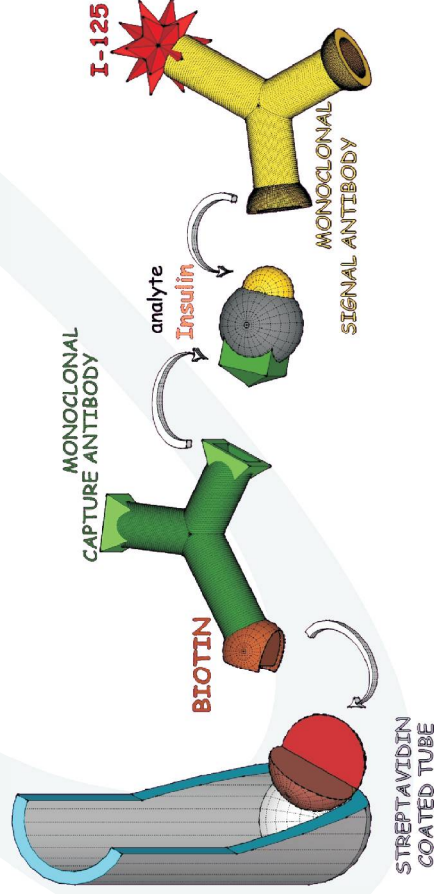
ESSENTIALS

- Simple format, coated tube IRMA
- One step procedure
- Calibrated to WHO 1st IRP 66/304
- Possibility of automation



THEORY IN PICTURES

Sandwich-type assay using two monoclonal antibodies against different epitopes of the molecule



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PERFORMANCE PARAMETERS

Sample volume: 100 µL
 Standard range: 0 – 500 µIU/mL
 Calibration: WHO 1st IRP 66/304
 Analytical sensitivity: 0.6 µIU/mL
 Cross-reactivity: Proinsulin: 40%
 Hook effect: > 2500 µIU/mL
 Expected values: Fasting: 1 – 30 µIU/mL
 Postprandial: 3 – 67 µIU/mL

METHOD COMPARISON

BIO-RAD Lyphochek Immunoassay Plus Control sera with three concentration levels (µIU/mL) were assayed in two replicates in 10 independent assays.

	RK-400CT Mean (n=10)	Average concentration of all methods reported
Level I	11.9	10.3
Level II	64.0	64.8
Level III	159.0	165.8

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