CA15-3 IRMA

Code: RK-153CT  100 tubes

Immunoradiometric assay for the quantitative in vitro determination of the cancer associated antigen CA15-3 in human serum.

ESSENTIALS

- **Simple format, coated tube IRMA**
- **No sample pre-dilution**
- **Two-step assay**
- **Short incubation times**
- **Assay based on DF3 and 15D8 monoclonal antibodies from Fujirebio Diagnostics Inc.**

THEORY IN PICTURES

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

FLOW CHART

Add to coated tubes:
- 10 μL calibrator/control/sample
- 200 μL antiserum

1 h incubation at RT with shaking
Wash, decant
- 200 μL tracer
CA15-3 IRMA

PERFORMANCE PARAMETERS

- **Sample volume**: 10 μL
- **Standard range**: 0 - 300 U/mL
- **Limit of Detection**: 1.35 U/mL
- **Hook effect**: > 7500 U/mL
- **Expected values**: < 30 U/mL

METHOD COMPARISON

![Graph showing method comparison](image)

\[
y = 1.0454x - 0.675 \\
R^2 = 0.9698 \\
n = 172
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