

PSA IRMA

Code: RK-10CT 100 tubes

Immunoradiometric assay for the quantitative in vitro determination of Prostate Specific Antigen (PSA) in human serum.

ESSENTIALS

- Simple format, coated tube IRMA
- One step procedure
- High sensitivity tumor marker assay
- Excellent precision and reproducibility
- Use of two different monoclonal antibodies of high specificity
- Possibility of automation

FLOW CHART

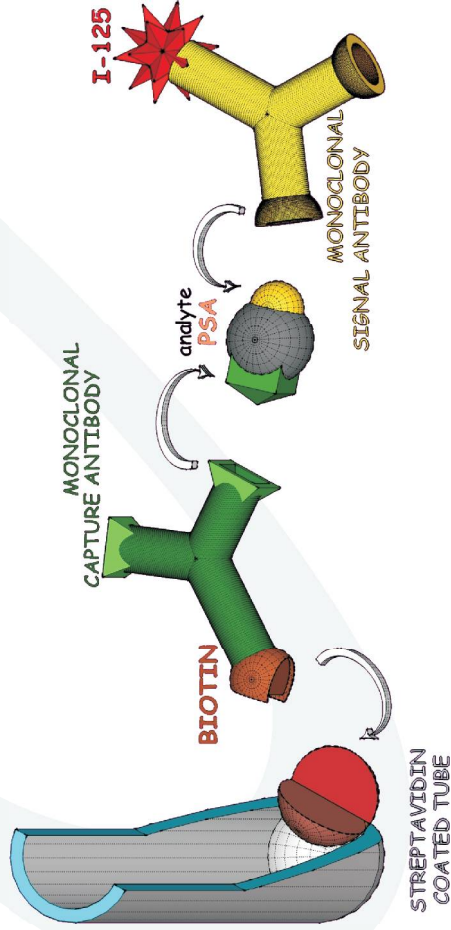
Add to coated tubes:

- 25 µL calibrator/control/sample
- 100 µL tracer

1 h incubation at RT with shaking
Wash, decant, count radioactivity

THEORY IN PICTURES

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



PSA IRMA

Code: RK-10CT 100 tubes

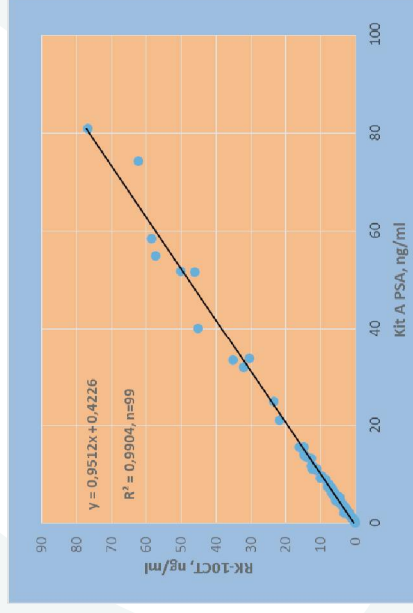
PERFORMANCE PARAMETERS

Sample volume: 25 µL
 Standard range: 0 – 100 ng/mL
 Calibration: WHO 96/670
 Limit of Blank: 0.035 ng/mL
 Limit of Detection: 0.09 ng/mL
 Hook effect: > 20000 ng/mL

Expected values:

Age (years)	PSA (ng/mL)
20-30	< 1.2
31-40	< 2.6
41-50	< 2.7
51-60	< 2.8
> 60	< 4.4

METHOD COMPARISON



INSTITUTE OF ISOTOPES Co. Ltd.
 1535 Budapest, POB.: 851
 Tel.: +36-392-2577, Fax: +36-395-9247
 Website: <http://www.izotop.hu>
 Technical e-mail: immuno@izotop.hu
 Commercial e-mail: commerce@izotop.hu



INSTITUTE OF ISOTOPES CO. LTD.