



User's Manual

Human CYFRA21- 1(CytokeRatin Fragment Antigen 21-1) ELISA Kit

REF

DEIA-NS2307-110



96T

RUO

This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

Creative Diagnostics

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PRODUCT INFORMATION

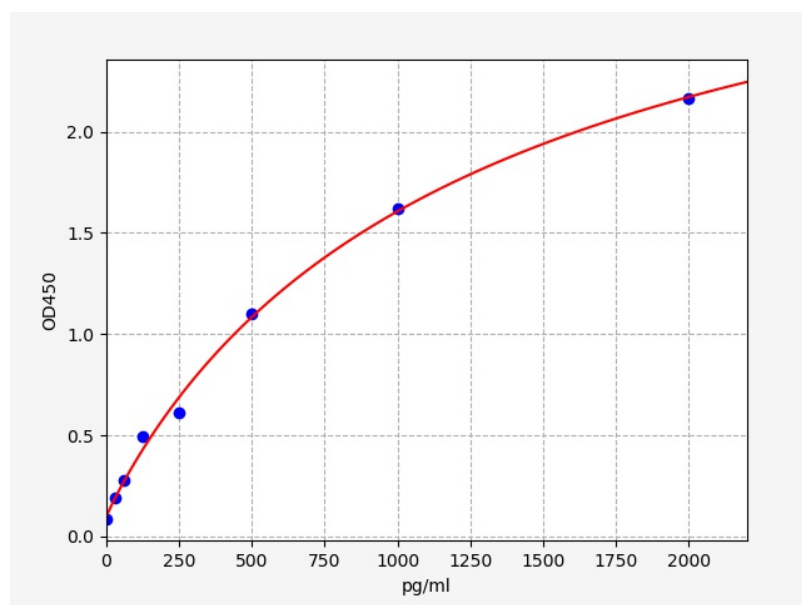
Intended Use

CYFRA21-1/Cytokeratin-19 ELISA Kit allows for the in vitro quantitative determination of CYFRA21-1 concentrations in serum, plasma, tissue homogenates and other biological fluids.

Storage

2-8 °C for 6 months

Typical Standard Curve



Precision

Intra-Assay: CV<8%

Inter-Assay: CV<10%

Detection Range

31.25-2000pg/ml

Sensitivity

< 18.75pg/ml

Linearity

The linearity of the kit was assayed by testing samples spiked with appropriate concentration of CYFRA21-1 and their serial dilutions. The results were demonstrated by the percentage of calculated concentration to the expected.

Sample	1:2	1:4	1:8
serum(n=5)	82-100%	81-99%	84-103%
EDTA plasma(n=5)	91-99%	91-101%	90-96%
heparin plasma(n=5)	91-100%	92-99%	93-100%

Recovery

Matrices listed below were spiked with certain level of CYFRA21-1 and the recovery rates were calculated by comparing the measured value to the expected amount of CYFRA21-1 in samples.

Matrix	Recovery range(%)	Average(%)
serum(n=5)	86-95	90
EDTA plasma(n=5)	84-103	92
heparin plasma(n=5)	84-99	93