



User's Manual

Human DDIT3(DNA damage-inducible transcript 3 protein) ELISA Kit

REF

DEIA-NS2307-115



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

 **Address: 45-1 Ramsey Road, Shirley, NY 11967, USA**

 **Tel: 1-631-624-4882 (USA) 44-161-818-6441 (Europe)**  **Fax: 1-631-938-8221**

 **Email: info@creative-diagnostics.com**  **Web: www.creative-diagnostics.com**

PRODUCT INFORMATION

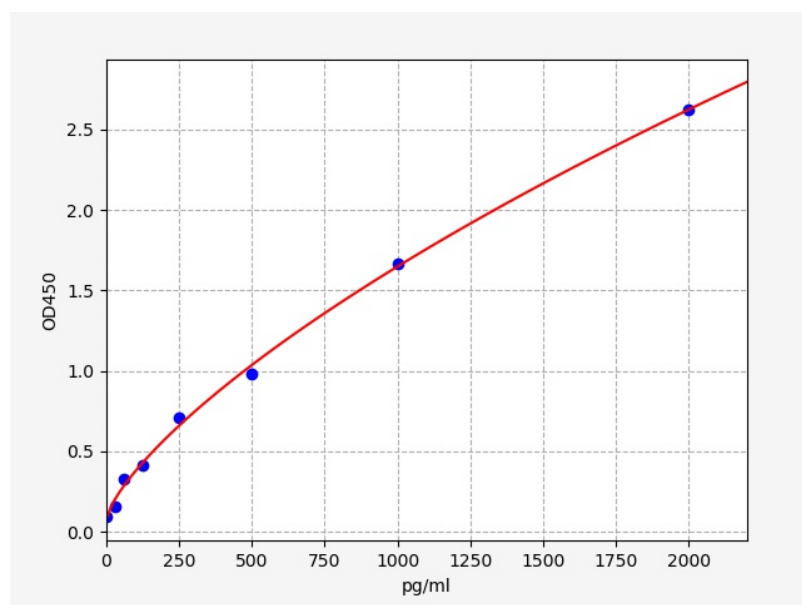
Intended Use

DDIT3 ELISA Kit allows for the in vitro quantitative determination of DDIT3 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 DDIT3 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)	85-98%	89-103%	85-103%
EDTA plasma(n=5)	84-94%	82-98%	83-91%
heparin plasma(n=5)	82-87%	90-97%	94-99%

Recovery

Matrices listed below were spiked with certain level of DDIT3 and the recovery rates were calculated by comparing the measured value to the expected amount of DDIT3 in samples.

Matrix	Recovery range(%)	Average(%)
serum(n=5)	85-105	97
EDTA plasma(n=5)	88-98	94
heparin plasma(n=5)	86-104	94