



**User's Manual**

# **Hamster CXCL10/IP- 10(Interferon Gamma Induced Protein 10kDa) ELISA Kit**

**REF**

**DEIA-NS2307-108**



**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.

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**Creative Diagnostics**

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## PRODUCT INFORMATION

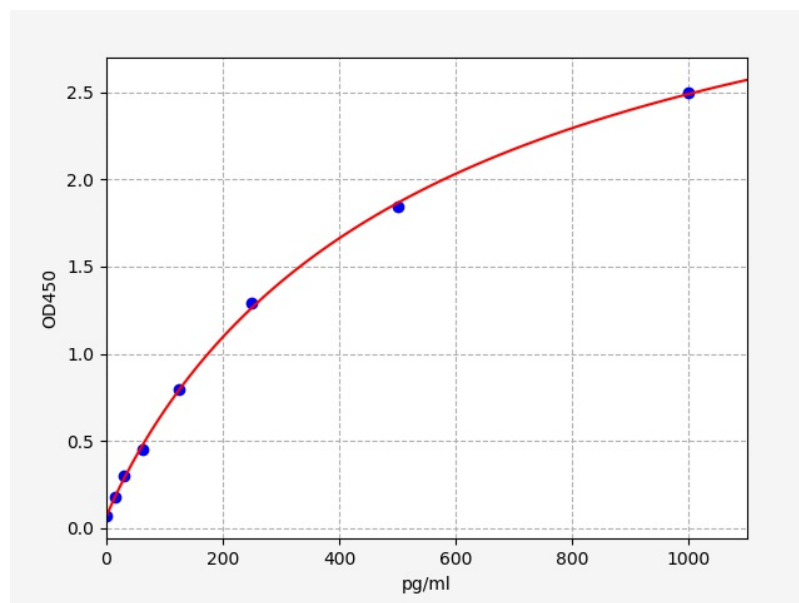
### Intended Use

CXCL10/IP-10 ELISA Kit allows for the in vitro quantitative determination of CXCL10 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

15.625-1000pg/ml

### Sensitivity

< 9.375pg/ml

### Linearity

The linearity of the kit was assayed by testing samples spiked with appropriate concentration of CXCL10 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)	85-105%	87-105%	100-103%
EDTA plasma(n=5)	83-92%	85-100%	82-100%
heparin plasma(n=5)	81-99%	82-100%	82-100%

## Recovery

Matrices listed below were spiked with certain level of CXCL10 and the recovery rates were calculated by comparing the measured value to the expected amount of CXCL10 in samples.

Matrix	Recovery range(%)	Average(%)
serum(n=5)	85-100	91
EDTA plasma(n=5)	89-101	94
heparin plasma(n=5)	92-103	100