



**User's Manual**

# Human C19orf80(Betatrophin) ELISA Kit



**DEIA-FN194**



**96T**



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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## PRODUCT INFORMATION

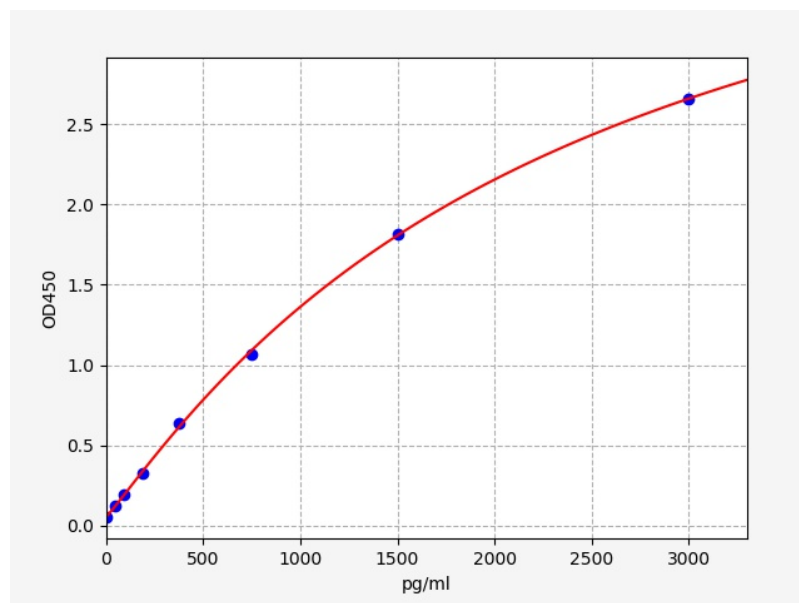
### Intended Use

C19orf80 ELISA Kit allows for the in vitro quantitative determination of C19orf80 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

46.875-3000pg/ml

### Sensitivity

< 28.125pg/ml

### Linearity

The linearity of the kit was assayed by testing samples spiked with appropriate concentration of C19orf80 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)	89-105%	87-92%	85-100%
EDTA plasma(n=5)	83-101%	84-94%	82-98%
heparin plasma(n=5)	81-95%	80-97%	82-98%

## Recovery

Matrices listed below were spiked with certain level of C19orf80 and the recovery rates were calculated by comparing the measured value to the expected amount of C19orf80 in samples.

Matrix	Recovery range(%)	Average(%)
serum(n=5)	90-103	96
EDTA plasma(n=5)	85-100	94
heparin plasma(n=5)	87-97	92