





## Human Uncharacterized protein C9orf72(C9orf72) **ELISA** kit

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Thre to as	Human C9orf72 ELISA Kit was designed for the quantitative measurement uman C9orf72 protein in serum, plasma, tissue homogenates, cell lysates. It Sandwich ELISA kit, its detection range is 31.25 pg/mL-2000 pg/mL and the sitivity is 7.8 pg/mL.
	a-assay Precision (Precision within an assay): CV%<8% ee samples of known concentration were tested twenty times on one plate assess.  S-assay Precision (Precision between assays): CV%<10% ee samples of known concentration were tested in twenty assays to ess.

Linearity





To assess the linearity of the assay, samples were spiked with high concentrations of human C9orf72 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

	Sample	Serum(n=4)
1:1	Average %	88
1.1	Range %	84-92
1:2	Average %	100
	Range %	95-105
1:4	Average %	87
1.4	Range %	83-91
1:8	Average %	104
	Range %	100-108

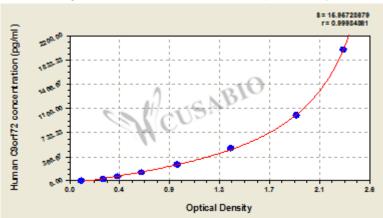
## Recovery

The recovery of human C9orf72 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	86	83-89
EDTA plasma (n=4)	91	89-95

## **Typical**

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml OD1 OD2 Average Corrected

2000 2.277 2.398 2.338 2.231 1000 1.947 1.930 1.939 1.832 500 1.393 1.375 1.384 1.277 250 0.911 0.935 0.923 0.816 125 0.605 0.641 0.623 0.516 62.5 0.401 0.432 0.417 0.310 31.25 0.288 0.298 0.293 0.186 0.106 0.108 0.107

**Msds** 

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