

PRECISION

Intra-assay Precision (Precision within an assay): CV%<8%

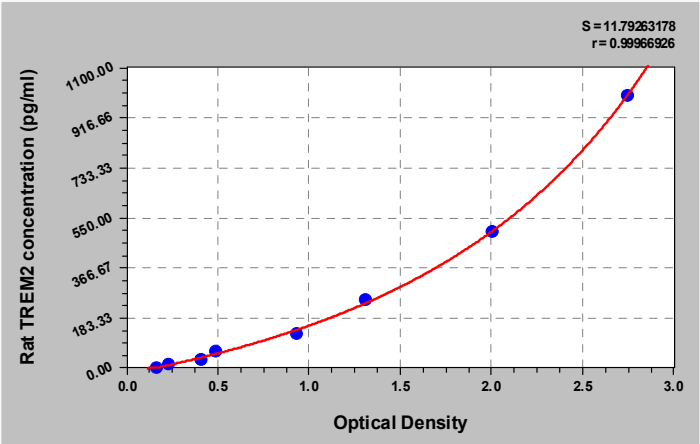
Three samples of known concentration were tested twenty times on one plate to assess.

Inter-assay Precision (Precision between assays): CV%<10%

Three samples of known concentration were tested in twenty assays to assess.

TYPICAL DATA

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
1000	2.660	2.754	2.707	2.530
500	1.957	2.006	1.982	1.805
250	1.309	1.293	1.301	1.124
125	0.919	0.937	0.928	0.751
62.5	0.482	0.501	0.492	0.315
31.2	0.407	0.425	0.416	0.239
15.6	0.247	0.238	0.243	0.066
0	0.174	0.180	0.177	

LOD

3.9pg/ml

for research use only

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of rat TREM2 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 %	97
	Range %	92-101
1:2	Average %	106
	Range %	101-115
1:4	Average %	88
	Range %	84-92
1:8	Average %	93
	Range %	86-98

RECOVERY

The recovery of rat TREM2 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)	95	89-98
EDTA plasma (n=4)	92	88-96