



Mouse ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin) (RNASE2) ELISA kit

Product Code	CSB-E17924m
Abbreviation	RNASE2
Target Name	ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin)
Uniprot No.	O35291
Alias	EDN, RNS2
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, tissue homogenates
Detection Range	3.12 ng/mL-200 ng/mL
Sensitivity	0.78 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Immunology
Gene Names	Rnase2
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse RNASE2 ELISA Kit was designed for the quantitative measurement of Mouse RNASE2 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 3.12 ng/mL-200 ng/mL and the sensitivity is 0.78 ng/mL.
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.</p>
Linearity	



To assess the linearity of the assay, samples were spiked with high concentrations of mouse RNASE2 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 %	89
	Range %	85-93
1:2	Average %	100
	Range %	97-104
1:4	Average %	86
	Range %	83-89
1:8	Average %	99
	Range %	95-104

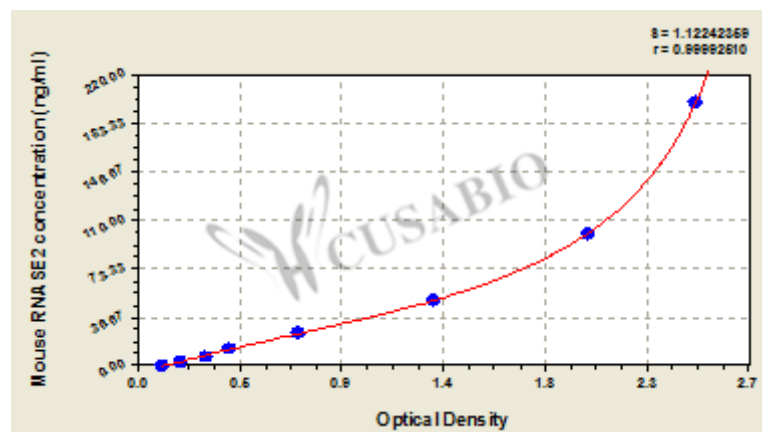
Recovery

The recovery of mouse RNASE2 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)	88	84-92
EDTA plasma (n=4)	108	104-112

Typical

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



ng/ml	OD1	OD2	Average	Corrected
200	2.441	2.501	2.471	2.358
100	2.020	1.968	1.994	1.881
50	1.301	1.324	1.313	1.200
25	0.725	0.705	0.715	0.602
12.5	0.407	0.412	0.410	0.297
6.25	0.304	0.311	0.308	0.195
3.12	0.195	0.199	0.197	0.084
0	0.112	0.114	0.113	?

Msds

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