



Rat Renalase/ Monoamine Oxidase-C(RNLS/ MAO-C)ELISA Kit

Product Code	CSB-EL002965RA
Abbreviation	C10orf59
Target Name	chromosome 10 open reading frame 59
Uniprot No.	Q5U2W9
Alias	C10orf59, FLJ11218, RENALASE, renalase
Product Type	ELISA Kit
Immunogen Species	Rattus norvegicus (Rat)
Sample Types	serum, plasma, tissue homogenates
Detection Range	62.5 ng/mL-4000 ng/mL
Sensitivity	15.6 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	Cell Biology
Gene Names	Rnls
Tag Info	quantitative
Protein Description	Sandwich
Description	This Rat C10orf59 ELISA Kit was designed for the quantitative measurement of Rat C10orf59 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 62.5 ng/mL-4000 ng/mL and the sensitivity is 15.6 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 rat RNLS 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 %	92
	Range %	88-96
1:2	Average %	106
	Range %	101-113
1:4	Average %	94
	Range %	90-98
1:8	Average %	89
	Range %	84-93

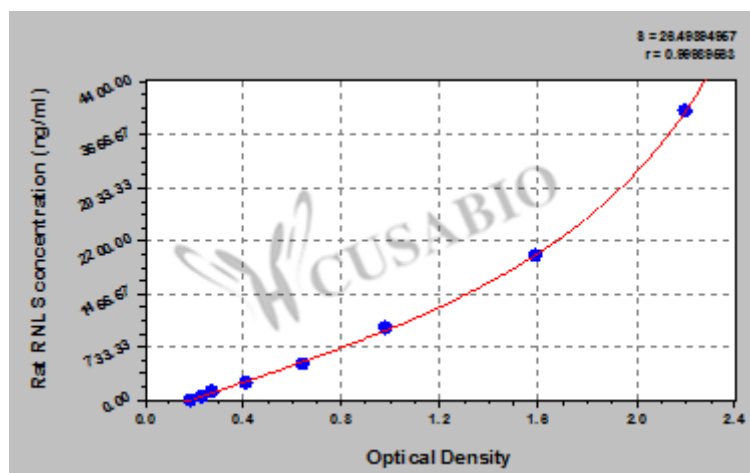
Recovery

The recovery of rat RNLS 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)	87	82-91
EDTA plasma (n=4)	95	90-100

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
4000	2.204	2.132	2.168	1.972
2000	1.619	1.524	1.572	1.376
1000	1.002	0.948	0.975	0.779
500	0.628	0.663	0.646	0.450
250	0.430	0.407	0.419	0.223
125	0.295	0.281	0.288	0.092
62.5	0.241	0.250	0.246	0.050
0	0.193	0.199	0.196	?

Msds

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