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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mouse R-spondin-4(RSPO4) ELISA kit

Product Code	CSB-EL020553MO
Abbreviation	RSPO4
Protein Biological Process 1	Neurobiology
Target Name	R-spondin family, member 4
Uniprot No.	Q8BJ73
Alias	RP5-824F16.1, C20orf182, CRISTIN4, FLJ16018, roof plate-specific spondin-4
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Protein Biological Process 3	Sensory transduction
Sample Types	serum, plasma, tissue homogenates
Detection Range	34.4 pg/mL-2200 pg/mL
Sensitivity	8.6 pg/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	Developmental Biology
Target Names	Rspo4
Tag Info	quantitative
Protein Length	Sandwich
Description	<p>This Mouse RSPO4 ELISA Kit was designed for the quantitative measurement of Mouse RSPO4 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 34.4 pg/mL-2200 pg/mL and the sensitivity is 8.6 pg/mL.</p>
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 RSPO4 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 %	91
	Range %	87-95
1:2	Average %	97
	Range %	93-102
1:4	Average %	92
	Range %	85-96
1:8	Average %	97
	Range %	95-101

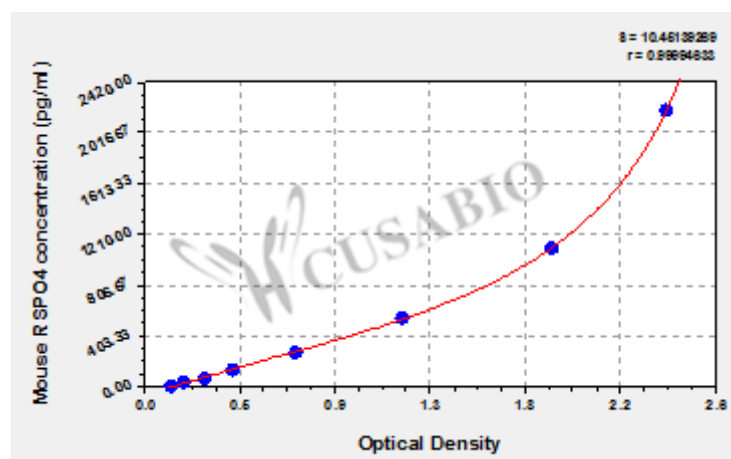
Recovery

The recovery of mouse RSPO4 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)	96	92-101
EDTA plasma (n=4)	87	83-93

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
2200	2.452	2.371	2.412	2.280
1100	1.956	1.815	1.886	1.754
550	1.208	1.182	1.195	1.063
275	0.717	0.701	0.709	0.577
137.5	0.425	0.413	0.419	0.287
68.75	0.292	0.288	0.290	0.158
34.4	0.196	0.192	0.194	0.062
0	0.132	0.131	0.132	?

Msds

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EL020553MO.pdf", "filename": "MSDS"}}