



Rabbit Tartrate-resistant acid phosphatase 5b (TRAP5b) ELISA Kit

Product Code	CSB-E15043Rb		
Abbreviation	TRAP5b		
Target Name	Tartrate-resistant acid phosphatase 5b (TRAP5b)		
Uniprot No.	O97860		
Product Type	ELISA Kit		
Immunogen Species	Oryctolagus cuniculus (Rabbit)		
Sample Types	serum, plasma, tissue homogenates		
Detection Range	78 μ U/mL-5000 μ U/mL		
Sensitivity	19.5 μ U/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	Others		
Gene Names	ACP5		
Tag Info	quantitative		
Protein Description	Sandwich		
Description	This Rabbit TRAP5b ELISA Kit was designed for the quantitative measurement of Rabbit TRAP5b protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 78 μ U/mL-5000 μ U/mL and the sensitivity is 19.5 μ U/mL.		
Product 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.		
Linearity	To assess the linearity of the assay, samples were spiked with high concentrations of rabbit TRAP5b in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. <table> <tr> <td>Sample</td><td>Serum(n=4)</td></tr> </table>	Sample	Serum(n=4)
Sample	Serum(n=4)		



1:1	Average %	97
	Range %	88-101
1:2	Average %	88
	Range %	81-94
1:4	Average %	97
	Range %	87-101
1:8	Average %	91
	Range %	84-95

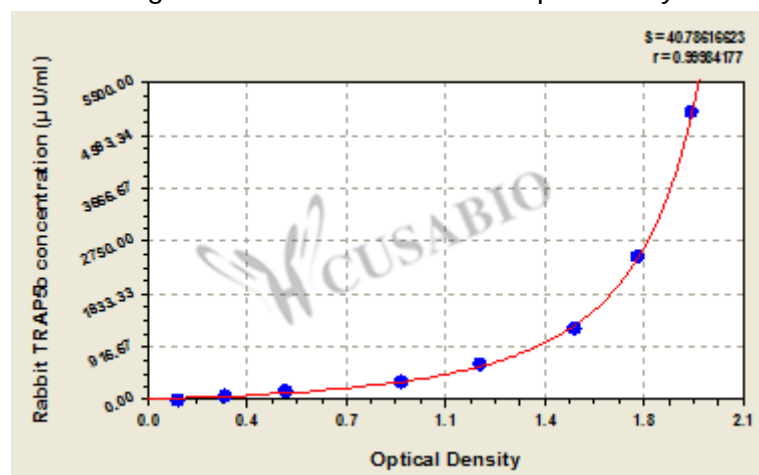
Recovery

The recovery of rabbit TRAP5b 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)	90	84-96
EDTA plasma (n=4)	103	93-107

Typical

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



μU/ml	OD1	OD2	Average	Corrected
5000	1.994	1.912	1.953	1.835
2500	1.776	1.745	1.761	1.643
1250	1.504	1.561	1.533	1.415
625	1.212	1.178	1.195	1.077
312	0.929	0.900	0.915	0.797
156	0.506	0.498	0.502	0.384
78	0.289	0.282	0.286	0.168
0	0.116	0.120	0.118	

Msds

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