



Rat Apoptosis regulator BAX(BAX) ELISA kit

Product Code	CSB-EL002573RA									
Abbreviation	BAX									
Target Name	Apoptosis regulator BAX(BAX)									
Uniprot No.	Q63690									
Alias	BCL2L4, apoptosis regulator BAX									
Product Type	ELISA kit									
Immunogen Species	Rattus norvegicus (Rat)									
Sample Types	serum, plasma, tissue homogenates, cell lysates									
Detection Range	62.5 pg/mL-4000 pg/mL									
Sensitivity	15.6 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	Cell Biology									
Gene Names	Bax									
Tag Info	quantitative									
Protein Description	Sandwich									
Description	This Rat BAX ELISA Kit was designed for the quantitative measurement of Rat BAX protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 62.5 pg/mL-4000 pg/mL and the sensitivity is 15.6 pg/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 rat BAX in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. <table><tr><td></td><td>Sample</td><td>Serum(n=4)</td></tr><tr><td rowspan="2">1:1</td><td>Average %</td><td>89</td></tr><tr><td>Range %</td><td>85-92</td></tr></table>			Sample	Serum(n=4)	1:1	Average %	89	Range %	85-92
	Sample	Serum(n=4)								
1:1	Average %	89								
	Range %	85-92								



1:2	Average %	96
	Range %	91-105
1:4	Average %	90
	Range %	87-99
1:8	Average %	93
	Range %	82-98

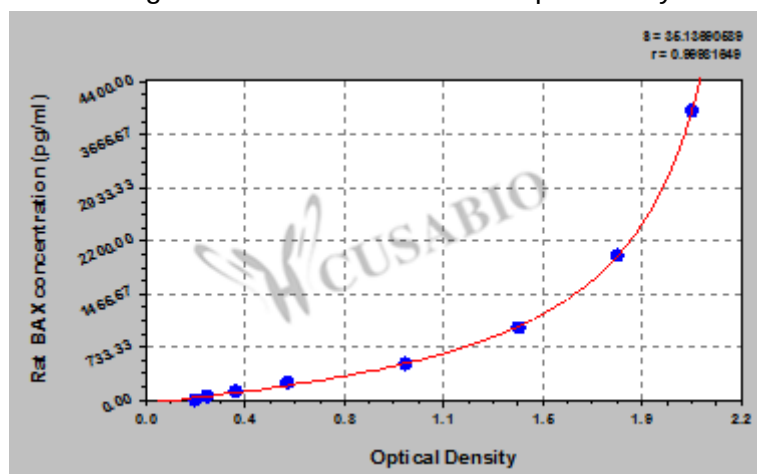
Recovery

The recovery of rat BAX 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)	92	88-97
EDTA plasma (n=4)	97	93-105

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
4000	2.091	1.995	2.043	1.844
2000	1.751	1.776	1.764	1.565
1000	1.368	1.432	1.400	1.201
500	0.985	0.972	0.979	0.780
250	0.535	0.544	0.540	0.341
125	0.348	0.352	0.350	0.151
62.5	0.244	0.237	0.241	0.042
0	0.201	0.197	0.199	

Msds

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