



Rat Endostatin,ES ELISA Kit

Product Code	CSB-E07975r															
Abbreviation	ES															
Target Name	Endostatin,ES															
Alias	FLJ27325, FLJ34914, KNO, KNO1, MGC74745, alpha 1 type XVIII collagen antiangiogenic agent endostatin multi-functional protein MFP															
Product Type	ELISA Kit															
Immunogen Species	Rattus norvegicus (Rat)															
Sample Types	serum, plasma, tissue homogenates															
Detection Range	6.25 ng/mL-400 ng/mL															
Sensitivity	1.56 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	Cardiovascular															
Tag Info	quantitative															
Protein Description	Sandwich															
Description	This Rat Endostatin (ES) ELISA Kit was designed for the quantitative measurement of Rat Endostatin (ES) protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 6.25 ng/mL-400 ng/mL and the sensitivity is 1.56 ng/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 ES 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>1:1</td><td>Average %</td><td>89</td></tr><tr><td></td><td>Range %</td><td>85-94</td></tr><tr><td>1:2</td><td>Average %</td><td>101</td></tr><tr><td></td><td>Range %</td><td>97-104</td></tr></table>	?	Sample	Serum(n=4)	1:1	Average %	89		Range %	85-94	1:2	Average %	101		Range %	97-104
?	Sample	Serum(n=4)														
1:1	Average %	89														
	Range %	85-94														
1:2	Average %	101														
	Range %	97-104														



1:4	Average %	90
	Range %	87-94
1:8	Average %	100
	Range %	95-103

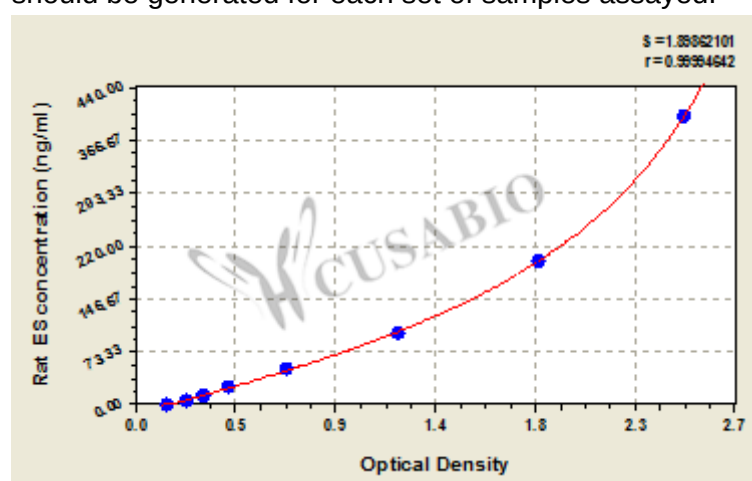
Recovery

The recovery of rat ES 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)	94	91-98
EDTA plasma (n=4)	95	92-97

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
400	2.531	2.454	2.493	2.341
200	1.889	1.777	1.833	1.681
100	1.208	1.197	1.203	1.051
50	0.704	0.687	0.696	0.544
25	0.427	0.434	0.431	0.279
12.5	0.311	0.327	0.319	0.167
6.25	0.239	0.242	0.241	0.089
0	0.150	0.154	0.152	?

Msds

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