



Human glucocorticoid receptor- β , GR- β ELISA Kit

Product Code	CSB-E08889h										
Abbreviation	GR-β										
Target Name	glucocorticoid receptor-β,GR-β										
Alias	lucocorticoid receptor-β,GR-β lucocorticoid receptor-beta,GR-beta										
Product Type	ELISA Kit										
Immunogen Species	Homo sapiens (Human)										
Sample Types	serum, plasma, tissue homogenates, cell lysates										
Detection Range	39 pg/mL-2500 pg/mL										
Sensitivity	9.75 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	Epigenetics and Nuclear Signaling										
Tag Info	quantitative										
Protein Description	Sandwich										
Description	This Human GR-β ELISA Kit was designed for the quantitative measurement of Human GR-β protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 39 pg/mL-2500 pg/mL and the sensitivity is 9.75 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 human GR-β 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>103</td></tr><tr><td></td><td>Range %</td><td>99-108</td></tr></table>		?	Sample	Serum(n=4)	1:1	Average %	103		Range %	99-108
?	Sample	Serum(n=4)									
1:1	Average %	103									
	Range %	99-108									



1:2	Average %	98
	Range %	94-102
1:4	Average %	91
	Range %	88-95
1:8	Average %	89
	Range %	85-96

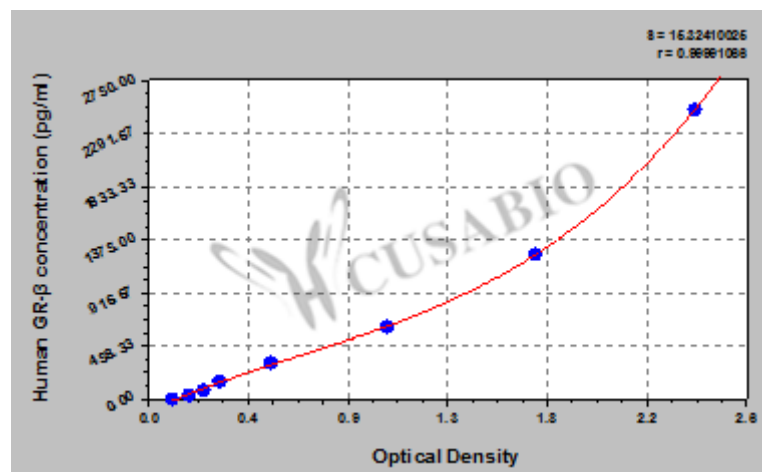
Recovery

The recovery of human GR- β 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)	95	90-100
EDTA plasma (n=4)	87	83-95

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
2500	2.441	2.382	2.412	2.301
1250	1.692	1.725	1.709	1.598
625	1.021	1.103	1.062	0.951
312.5	0.563	0.539	0.551	0.440
156	0.327	0.314	0.321	0.210
78	0.245	0.258	0.252	0.141
39	0.185	0.191	0.188	0.077
0	0.108	0.113	0.111	?

Msds

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