



Guinea pig interleukin 13,IL-13 ELISA Kit

Product Code	CSB-E12916Gp											
Abbreviation	IL13											
Target Name	interleukin 13,IL-13											
Uniprot No.	H0W834											
Product Type	ELISA Kit											
Immunogen Species	Cavia porcellus (Guinea pig)											
Sample Types	serum, plasma, tissue homogenates											
Detection Range	7.5 pg/mL-300 pg/mL											
Sensitivity	3.75 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	Immunology											
Tag Info	quantitative											
Protein Description	Sandwich											
Description	This Guinea pig IL13 ELISA Kit was designed for the quantitative measurement of Guinea pig IL13 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 7.5 pg/mL-300 pg/mL and the sensitivity is 3.75 pg/mL.											
Product Precision	Intra-assay Precision (Precision within an assay): CV%<15% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<15% 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 Guinea pig IL-13 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>88</td></tr><tr><td></td><td>Range %</td><td>83-92</td></tr></table>			?	Sample	Serum(n=4)	1:1	Average %	88		Range %	83-92
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1:1	Average %	88										
	Range %	83-92										



1:2	Average %	95
	Range %	85-105
1:4	Average %	93
	Range %	86-102
1:8	Average %	97
	Range %	92-110

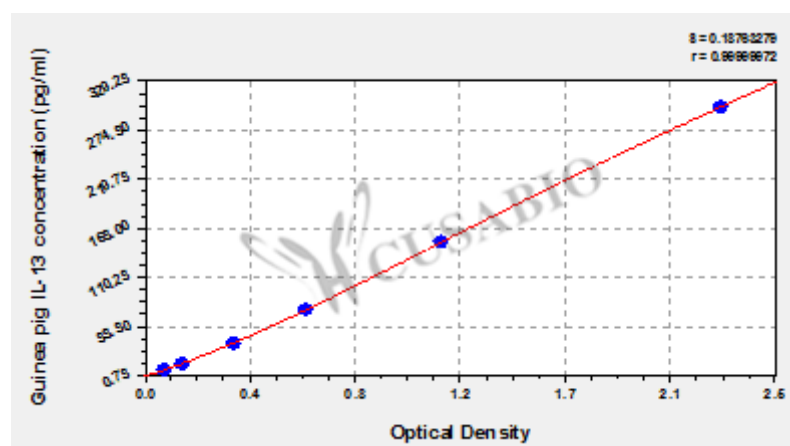
Recovery

The recovery of Guinea pig IL-13 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	91-103
EDTA plasma (n=4)	93	86-99

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
300	2.244	2.267	2.256
150	1.173	1.161	1.167
75	0.628	0.650	0.639
37.5	0.359	0.343	0.351
15	0.152	0.151	0.152
7.5	0.083	0.079	0.081

Msds

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