



Rabbit interleukin 12 (IL-12/P70) ELISA kit

Product Code	CSB-EQ027628RB
Abbreviation	IL12/P70
Target Name	interleukin 12 (IL-12/P70)
Alias	IL12/P70, Interleukin-12/P70
Product Type	ELISA Kit
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Sample Types	serum, plasma, tissue homogenates
Detection Range	3.12 pg/mL-200 pg/mL
Sensitivity	0.78 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 Rabbit IL12/P70 ELISA Kit was designed for the quantitative measurement of Rabbit IL12/P70 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 3.12 pg/mL-200 pg/mL and the sensitivity is 0.78 pg/mL.
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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.
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Linearity	To assess the linearity of the assay, samples were spiked with high concentrations of rabbit IL-12 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.
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	Sample	Serum(n=4)
1:1	Average %	93
	Range %	89-95
1:2	Average %	90
	Range %	83-99
1:4	Average %	95
	Range %	92-102



1:8	Average %	93
	Range %	86-99

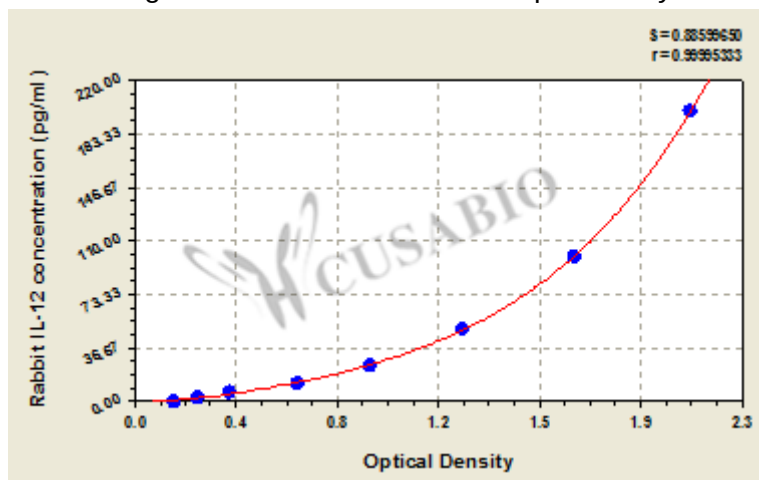
Recovery

The recovery of rabbit IL-12 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	86-110
EDTA plasma (n=4)	97	89-99

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	Corrected
200	2.096	2.108	2.102	1.938
100	1.678	1.651	1.665	1.501
50	1.254	1.237	1.246	1.082
25	0.896	0.905	0.901	0.737
12.5	0.614	0.642	0.628	0.464
6.25	0.378	0.364	0.371	0.207
3.12	0.252	0.249	0.251	0.087
0	0.161	0.166	0.164	

Msds

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