



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

Product Code	CSB-EQ027628DO																						
Abbreviation	IL12/P70																						
Target Name	interleukin 12 (IL-12/P70)																						
Alias	IL12/P70, Interleukin-12/P70																						
Product Type	ELISA kit																						
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)																						
Sample Types	serum, plasma, cell culture supernates, tissue homogenates																						
Detection Range	15.6 pg/mL-1000 pg/mL																						
Sensitivity	3.9 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 Dog IL12/P70 ELISA Kit was designed for the quantitative measurement of Dog IL12/P70 protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 15.6 pg/mL-1000 pg/mL and the sensitivity is 3.9 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 dog IL-12/P70 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>95</td></tr> <tr> <td></td><td>Range %</td><td>91-105</td></tr> <tr> <td>1:2</td><td>Average %</td><td>87</td></tr> <tr> <td></td><td>Range %</td><td>84-93</td></tr> <tr> <td>1:4</td><td>Average %</td><td>97</td></tr> <tr> <td></td><td>Range %</td><td>91-106</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	95		Range %	91-105	1:2	Average %	87		Range %	84-93	1:4	Average %	97		Range %	91-106
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	Range %	84-93																					
1:4	Average %	97																					
	Range %	91-106																					



1:8	Average %	94
	Range %	86-98

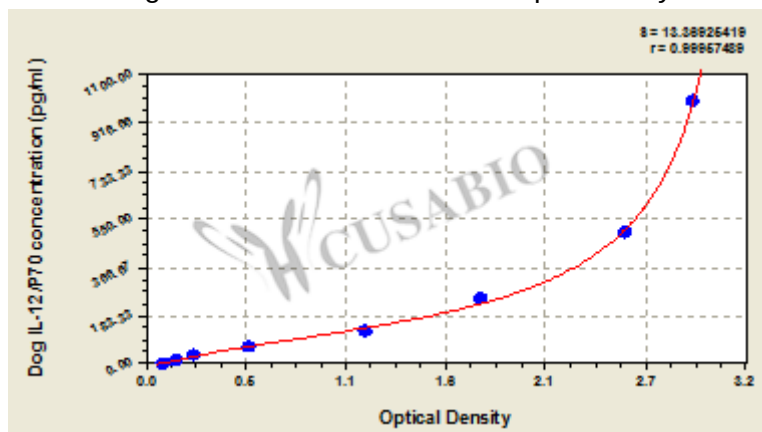
Recovery

The recovery of dog IL-12/P70 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)	90	87-96
EDTA plasma (n=4)	97	92-106

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
1000	2.912	2.945	2.929	2.829
500	2.546	2.578	2.562	2.462
250	1.780	1.806	1.793	1.693
125	1.127	1.226	1.177	1.077
62.5	0.546	0.576	0.561	0.461
31.2	0.259	0.269	0.264	0.164
15.6	0.168	0.176	0.172	0.072
0	0.095	0.105	0.100	?

Msds

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