



Pig Interleukin 22(IL-22) ELISA Kit

Product Code	CSB-E15847p
Abbreviation	IL-22
Target Name	Interleukin 22(IL-22)
Uniprot No.	F1SH68
Product Type	ELISA Kit
Immunogen Species	Sus scrofa (Pig)
Sample Types	serum, plasma, tissue homogenates
Detection Range	78 pg/mL-5000 pg/mL
Sensitivity	19.5 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 Pig IL-22 ELISA Kit was designed for the quantitative measurement of Pig IL-22 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 78 pg/mL-5000 pg/mL and the sensitivity is 19.5 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.
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Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of pig IL-22 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

?	Sample	Serum(n=4)
1:1	Average %	99
	Range %	94-104
1:2	Average %	96
	Range %	89-100



1:4	Average %	95
	Range %	89-98
1:8	Average %	103
	Range %	95-107

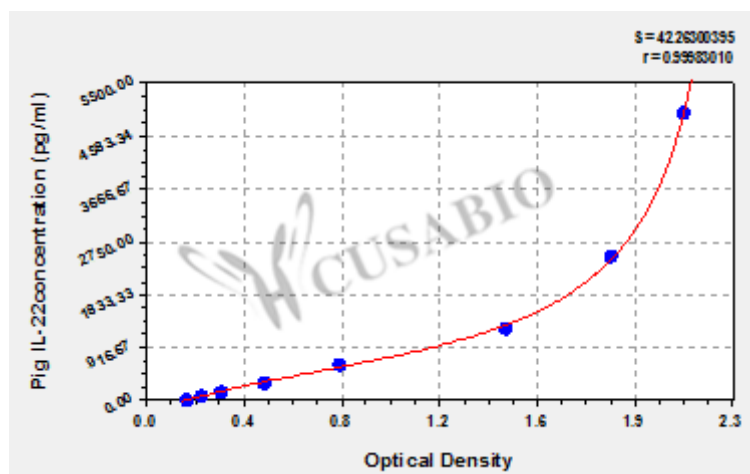
Recovery

The recovery of pig IL-22 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)	99	91-103
EDTA plasma (n=4)	101	95-107

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
5000	2.162	2.085	2.124	1.948
2500	1.875	1.811	1.843	1.667
1250	1.469	1.383	1.426	1.250
625	0.787	0.764	0.776	0.600
312	0.484	0.472	0.478	0.302
156	0.315	0.304	0.310	0.134
78	0.231	0.228	0.230	0.054
0	0.178	0.174	0.176	?

Msds

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