



Duck Interleukin 2,IL-2 ELISA kit

Product Code	CSB-E08899Du																						
Abbreviation	IL-2																						
Target Name	Interleukin 2,IL-2																						
Uniprot No.	Q804B7																						
Product Type	ELISA Kit																						
Immunogen Species	Duck																						
Sample Types	serum, plasma, tissue homogenates																						
Detection Range	6.25 pg/mL-400 pg/mL																						
Sensitivity	1.56 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 Duck IL-2 ELISA Kit was designed for the quantitative measurement of Duck IL-2 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 6.25 pg/mL-400 pg/mL and the sensitivity is 1.56 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 duck IL-2 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>90</td></tr> <tr> <td></td><td>Range %</td><td>83-105</td></tr> <tr> <td>1:2</td><td>Average %</td><td>92</td></tr> <tr> <td></td><td>Range %</td><td>87-100</td></tr> <tr> <td>1:4</td><td>Average %</td><td>95</td></tr> <tr> <td></td><td>Range %</td><td>86-104</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	90		Range %	83-105	1:2	Average %	92		Range %	87-100	1:4	Average %	95		Range %	86-104
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1:8	Average %	90
	Range %	81-98

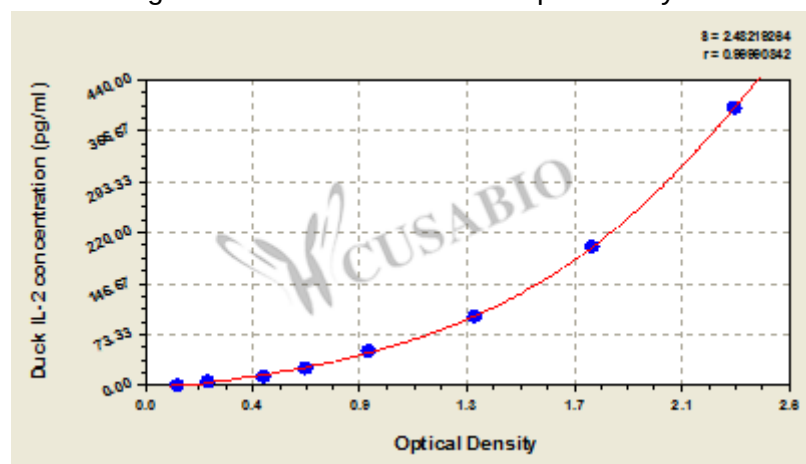
Recovery

The recovery of duck IL-2 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)	97	85-105
EDTA plasma (n=4)	94	89-101

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
400	2.336	2.342	2.339	2.201
200	1.787	1.773	1.780	1.642
100	1.319	1.306	1.313	1.175
50	0.891	0.898	0.895	0.757
25	0.642	0.651	0.647	0.509
12.5	0.468	0.494	0.481	0.343
6.25	0.268	0.253	0.261	0.123
0	0.138	0.137	0.138	?

Msds

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