Rabbit Immunoglobulin A,IgA ELISA Kit

Product Code	CSB-E06946Rb
Abbreviation	IgA
Target Name	Immunoglobulin A,IgA
Product Type	ELISA Kit
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates
Detection Range	12 ng/mL-3000 ng/mL
Sensitivity	3 ng/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	Competitive
Description	This Rabbit IgA ELISA Kit was designed for the quantitative measurement of Rabbit IgA protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Competitive ELISA kit, its detection range is 12 ng/mL-3000 ng/mL and the sensitivity is 3 ng/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 rabbit IgA 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)
1:1000	Average %	89
	Range %	84-97
1:2000	Average %	91
	Range %	89-96
1:4000	Average %	93
	Range %	87-104

	1:8000	Average %	92
		Range %	86-98

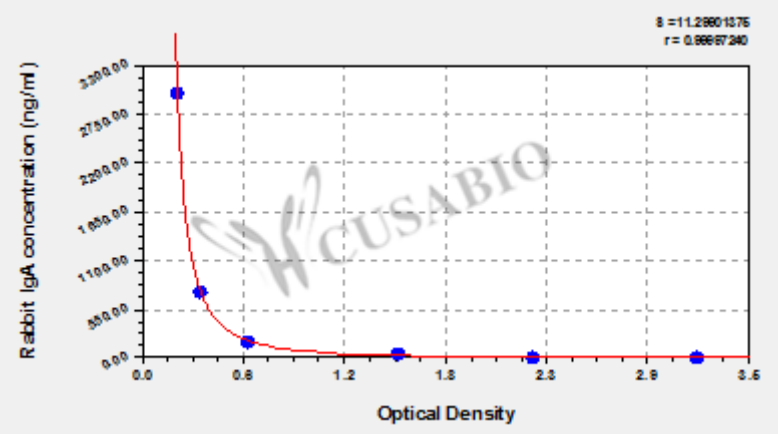
Recovery

The recovery of rabbit IgA 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	88-103
EDTA plasma (n=4)	95	85-107

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml	OD1	OD2	Average
3000	0.221	0.218	0.220
750	0.351	0.354	0.353
187.5	0.629	0.625	0.627
47	1.464	1.502	1.483
12	2.259	2.235	2.247
0	3.218	3.155	3.187