Rabbit Epidermal growth factor,EGF ELISA Kit

Product Code	CSB-E06909Rb
Abbreviation	EGF
Target Name	Epidermal growth factor,EGF
Uniprot No.	G1TBJ6
Product Type	ELISA Kit
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.5 ng/mL-8 ng/mL
Sensitivity	0.25 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	Others
Tag Info	quantitative
Protein Description	Competitive
Description	This Rabbit EGF ELISA Kit was designed for the quantitative measurement of Rabbit EGF protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 0.5 ng/mL-8 ng/mL and the sensitivity is 0.25 ng/mL.
Product Precision	Intra-assay Precision (Precision within an assay): CV%<15% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<15% 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 EGF 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 %	111
	Range %	100-115
1:2	Average %	92
	Range %	84-97
1:4	Average %	100
	Range %	90-104

	1:8	Average %	100
		Range %	93-104

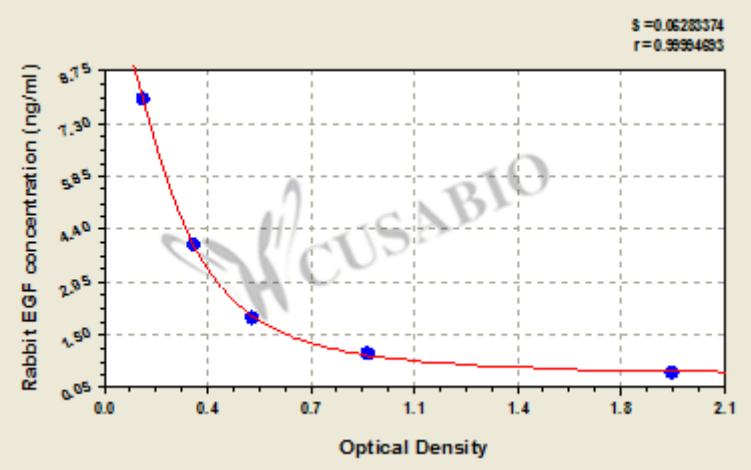
Recovery

The recovery of rabbit EGF 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)	94	90-98
EDTA plasma (n=4)	92	87-97

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
8	0.147	0.141	0.144
4	0.311	0.322	0.317
2	0.501	0.534	0.518
1	0.926	0.902	0.914
0.5	1.932	1.966	1.949