



# Rabbit Cortisol ELISA Kit

<b>Product Code</b>	CSB-E06956Rb
<b>Abbreviation</b>	Cortisol
<b>Target Name</b>	Cortisol
<b>Alias</b>	N/A
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Oryctolagus cuniculus (Rabbit)
<b>Sample Types</b>	serum, plasma, tissue homogenates
<b>Detection Range</b>	62.5 pmol/mL-1000 pmol/mL
<b>Sensitivity</b>	62.5 pmol/mL
<b>Assay Time</b>	1-5h
<b>Sample Volume</b>	50-100ul
<b>Detection Wavelength</b>	450 nm
<b>Lead Time</b>	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
<b>Research Area</b>	Signal Transduction
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Competitive

<b>Description</b>	This Rabbit Cortisol ELISA Kit was designed for the quantitative measurement of Rabbit Cortisol protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 62.5 pmol/mL-1000 pmol/mL and the sensitivity is 62.5 pmol/mL.
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<b>Product Precision</b>	<b>Intra-assay Precision (Precision within an assay): CV%&lt;8%</b> Three samples of known concentration were tested twenty times on one plate to assess. <b>Inter-assay Precision (Precision between assays): CV%&lt;10%</b> 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 rabbit Cortisol 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 %	89
	Range %	81-97



1:2	Average %	89
	Range %	82-98
1:4	Average %	90
	Range %	85-100
1:8	Average %	95
	Range %	89-105

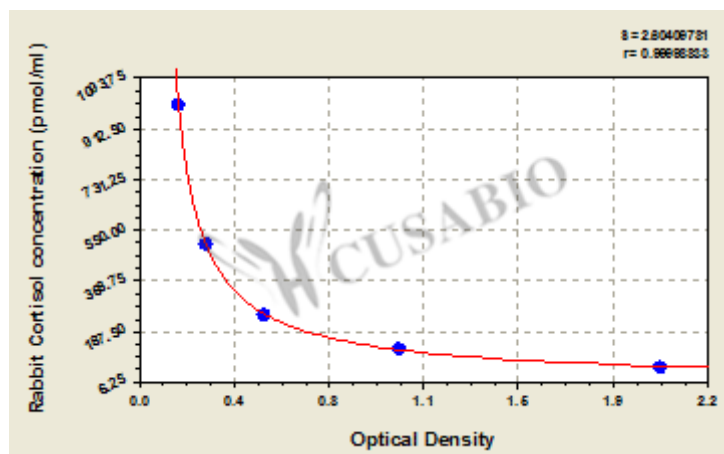
## Recovery

The recovery of rabbit Cortisol 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	87-99
EDTA plasma (n=4)	95	89-100

## Typical

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



pmol/ml	OD1	OD2	Average	?
1000	0.162	0.167	0.165	?
500	0.268	0.275	0.272	?
250	0.491	0.502	0.497	?
125	1.028	1.013	1.021	?
62.5	2.027	2.049	2.038	?