



Rabbit Prostaglandin E2,PG-E2 ELISA Kit

Product Code	CSB-E06960Rb
Abbreviation	PG-E2
Target Name	Prostaglandin E2,PG-E2
Product Type	ELISA Kit
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	31.25 pg/mL-2000 pg/mL
Sensitivity	7.81 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	Signal Transduction
Tag Info	quantitative
Protein Description	Sandwich

Description	This Rabbit PG-E2 ELISA Kit was designed for the quantitative measurement of Rabbit PG-E2 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 31.25 pg/mL-2000 pg/mL and the sensitivity is 7.81 pg/mL .
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Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8%</p> <p>Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10%</p> <p>Three samples of known concentration were tested in twenty assays to assess.</p>
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Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of rabbit PG-E2 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 %	90
	Range %	80-98
1:2	Average %	96
	Range %	91-100
1:4	Average %	94
	Range %	90-105



1:8	Average %	97
	Range %	86-98

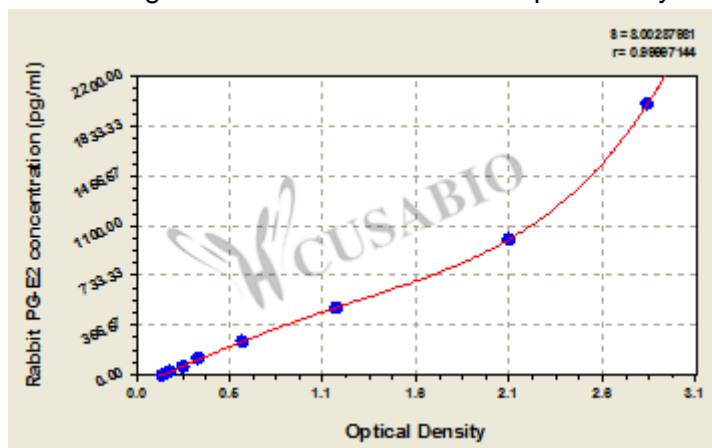
Recovery

The recovery of rabbit PG-E2 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)	96	85-110
EDTA plasma (n=4)	90	80-98

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
2000	2.913	2.812	2.863	2.703
1000	2.138	2.038	2.088	1.928
500	1.157	1.098	1.128	0.968
250	0.615	0.598	0.607	0.447
125	0.372	0.347	0.360	0.200
62.5	0.282	0.272	0.277	0.117
31.25	0.203	0.187	0.195	0.035
0	0.163	0.157	0.160	?

Msds

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