



Rabbit Parathyroid hormone,PTH ELISA Kit

Product Code	CSB-E13244Rb
Abbreviation	PTH
Target Name	Parathyroid hormone,PTH
Uniprot No.	G1SNZ6
Alias	N/A
Product Type	ELISA Kit
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Sample Types	serum, plasma
Detection Range	7.8 pg/mL-500 pg/mL
Sensitivity	1.95 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 PTH ELISA Kit was designed for the quantitative measurement of Rabbit PTH protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 7.8 pg/mL-500 pg/mL and the sensitivity is 1.95 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 rabbit PTH 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 %	92
	Range %	86-96
1:2	Average %	98
	Range %	93-104



1:4	Average %	91
	Range %	86-97
1:8	Average %	89
	Range %	87-92

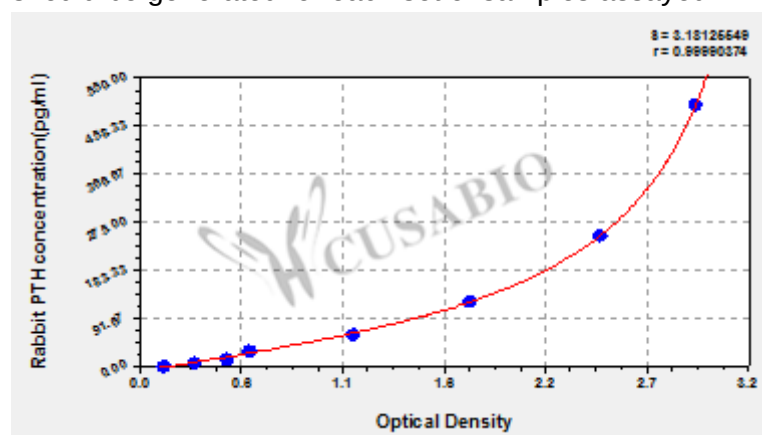
Recovery

The recovery of rabbit PTH 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)	90	87-94
EDTA plasma (n=4)	97	92-101

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
500	2.911	3.020	2.966	2.827
250	2.405	2.510	2.458	2.319
125	1.756	1.772	1.764	1.625
62.5	1.106	1.189	1.148	1.009
31.2	0.582	0.613	0.598	0.459
15.6	0.490	0.457	0.474	0.335
7.8	0.300	0.305	0.303	0.164
0	0.134	0.144	0.139	

Msds

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