Pig Renin ELISA Kit

Product Code	CSB-E17914p
Abbreviation	REN
Product Type	ELISA Kit
Immunogen Species	Sus scrofa (Pig)
Sample Types	serum, plasma, tissue homogenates
Detection Range	62.5 pg/mL-4000 pg/mL
Sensitivity	15.6 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	Cardiovascular
Tag Info	quantitative
Protein Description	Sandwich
Description	This Pig REN ELISA Kit was designed for the quantitative measurement of Pig REN protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 62.5 pg/mL-4000 pg/mL and the sensitivity is 15.6 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 pig renin 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 %	95
	Range %	85-103
1:2	Average %	92
	Range %	85-102
1:4	Average %	93
	Range %	83-99

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1:8	Average %	95
	Range %	90-110

Recovery

The recovery of pig renin 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)	95	82-102
EDTA plasma (n=4)	94	86-100

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.
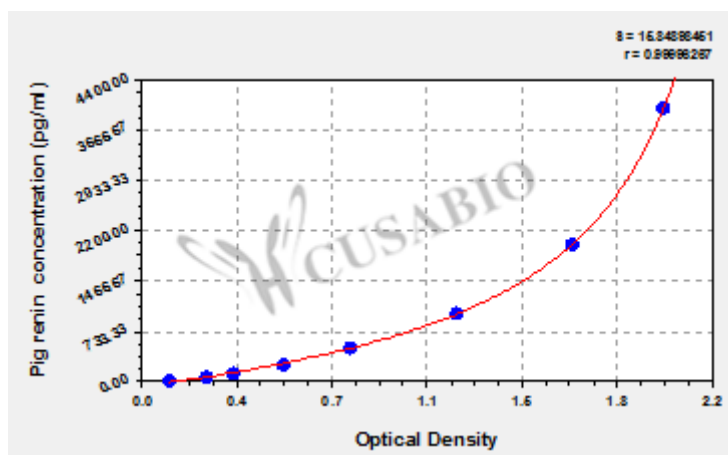
pg/ml	OD1	OD2	Average	Corrected
4000	1.973	1.997	1.985	1.867
2000	1.635	1.643	1.639	1.521
1000	1.208	1.197	1.203	1.085
500	0.805	0.796	0.801	0.683
250	0.549	0.544	0.547	0.429
125	0.361	0.356	0.359	0.241
62.5	0.255	0.259	0.257	0.139
0	0.116	0.119	0.118	?