Horse Progesterone(PROG) ELISA kit

Product Code	CSB-E13183Hs
Abbreviation	PROG
Protein Biological Process 1	Sex hormone
Target Name	Progesterone(PROG)
Product Type	ELISA Kit
Immunogen Species	Equus caballus (Horse)
Sample Types	serum, plasma
Detection Range	0.25 ng/mL-100 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	Signal Transduction
Tag Info	quantitative
Protein Description	Competitive
Description	This Horse PROG ELISA Kit was designed for the quantitative measurement of Horse PROG protein in serum, plasma. It is a Competitive ELISA kit, its detection range is 0.25 ng/mL-100 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 horse PROG 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 %	94
	Range %	89-107
1:2	Average %	89
	Range %	83-99
1:4	Average %	95
	Range %	85-103

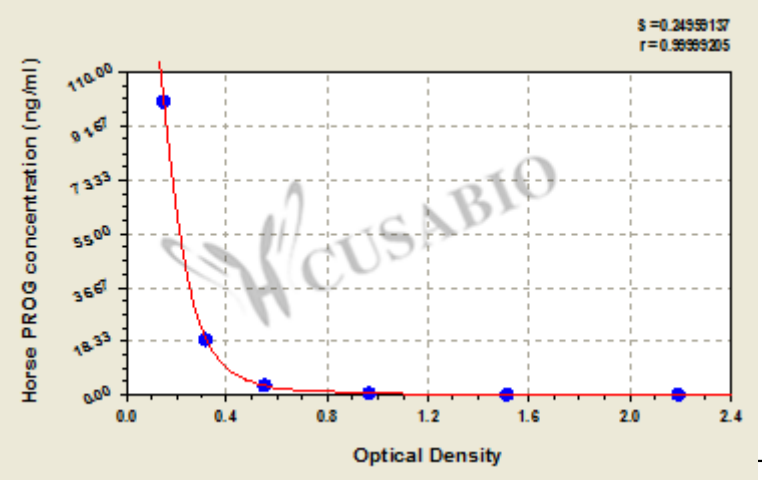
	1:8	Average %	90
		Range %	86-102

Recovery

The recovery of horse PROG 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)	97	85-106
EDTA plasma (n=4)	95	82-99

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
100	0.162	0.158	0.160
18.75	0.320	0.332	0.326
3.125	0.542	0.563	0.553
0.875	0.971	0.944	0.958
0.25	1.503	1.485	1.494
0	2.192	2.127	2.160