



Human Membrane-associated progesterone receptor component 1(PGRMC1) ELISA kit

Product Code	CSB-EL017876HU
Abbreviation	PGRMC1
Target Name	progesterone receptor membrane component 1
Uniprot No.	O00264
Alias	HPR6.6, MPR, progesterone binding protein
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	47 pg/mL-3000 pg/mL
Sensitivity	11.7 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	Cancer
Gene Names	PGRMC1
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human PGRMC1 ELISA Kit was designed for the quantitative measurement of Human PGRMC1 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 47 pg/mL-3000 pg/mL and the sensitivity is 11.7 pg/mL .
Target Details	Progesterone binding protein is a putative steroid membrane receptor. The protein is expressed predominantly in the liver and kidney.
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 human PGRMC1 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 %	85-98
1:2	Average %	96
	Range %	90-102
1:4	Average %	93
	Range %	85-99
1:8	Average %	89
	Range %	80-94

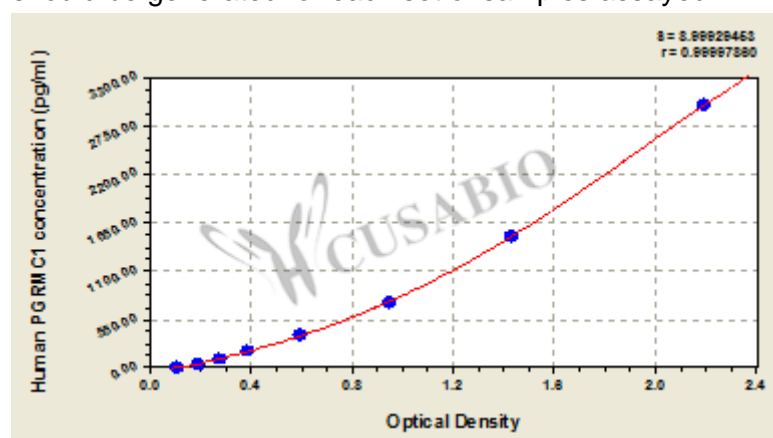
Recovery

The recovery of human PGRMC1 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)	100	96-106
EDTA plasma (n=4)	95	90-100

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
3000	2.124	2.198	2.161	2.046
1500	1.409	1.415	1.412	1.297
750	0.923	0.951	0.937	0.822
375	0.588	0.590	0.589	0.474
187.5	0.390	0.384	0.387	0.272
94	0.274	0.286	0.280	0.165
47	0.197	0.190	0.194	0.079
0	0.114	0.116	0.115	?

Msds

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