



Human progesterone receptor,PGR ELISA Kit

Product Code	CSB-E09214h
Abbreviation	PGR
Protein Biological Process 1	Transcription/Transcription regulation
Target Name	progesterone receptor
Uniprot No.	P06401
Alias	NR3C3, PR
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Transcription
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	Epigenetics and Nuclear Signaling
Gene Names	PGR
Tag Info	quantitative
Protein Description	Sandwich
Target Details	This gene encodes a member of the steroid receptor superfamily. The encoded protein mediates the physiological effects of progesterone, which plays a central role in reproductive events associated with the establishment and maintenance of pregnancy. This gene uses two distinct promoters and translation start sites in the first exon to produce two isoforms, A and B. The two isoforms are identical except for the additional 165 amino acids found in the N-terminus of isoform B and mediate their own response genes and physiologic effects with little overlap. The location of transcription initiation for isoform A has not been clearly determined.
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<15% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays):CV%<15% Three samples of known concentration were tested in twenty assays to assess.</p>

Linearity



To assess the linearity of the assay, samples were spiked with high concentrations of human PGR 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 %	96
	Range %	90-110
1:2	Average %	93
	Range %	91-100
1:4	Average %	89
	Range %	86-98
1:8	Average %	95
	Range %	86-98

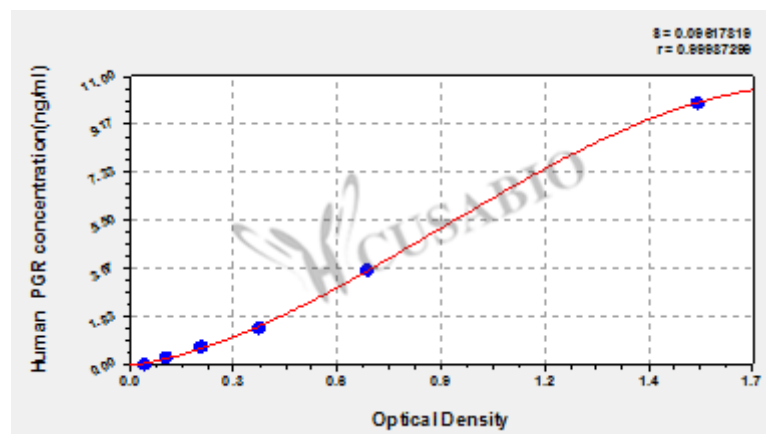
Recovery

The recovery of human PGR 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	91-98
EDTA plasma (n=4)	97	93-100

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	Corrected
10	1.565	1.579	1.572	1.530
3.6	0.663	0.652	0.658	0.616
1.4	0.364	0.355	0.360	0.318
0.7	0.198	0.202	0.200	0.158
0.3	0.102	0.105	0.104	0.062
0	0.041	0.042	0.042	?

Msds

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