



Human PRKC apoptosis WT1 regulator protein(PAWR) ELISA kit

Product Code	CSB-EL017486HU
Abbreviation	PAWR
Protein Biological Process 1	Apoptosis/Autophagy
Target Name	PRKC, apoptosis, WT1, regulator
Uniprot No.	Q96IZ0
Alias	PAR4, Par-4, WT1-interacting protein prostate apoptosis response protein 4 prostate apoptosis response protein PAR-4 transcriptional repressor PAR4
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Apoptosis
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	25 pg/mL-1600 pg/mL
Sensitivity	6.25 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	Epigenetics and Nuclear Signaling
Gene Names	PAWR
Tag Info	quantitative
Protein Description	Sandwich

Description

This Human PAWR ELISA Kit was designed for the quantitative measurement of Human PAWR protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 25 pg/mL-1600 pg/mL and the sensitivity is 6.25 pg/mL .

Target Details

The tumor suppressor WT1 represses and activates transcription. This protein is a WT1-interacting protein that itself functions as a transcriptional repressor. It contains a putative leucine zipper domain which interacts with the zinc finger DNA binding domain of WT1. This protein is specifically upregulated during



apoptosis of prostate cells.

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 PAWR 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 %	85
	Range %	80-91
1:2	Average %	90
	Range %	84-98
1:4	Average %	92
	Range %	86-100
1:8	Average %	95
	Range %	88-101

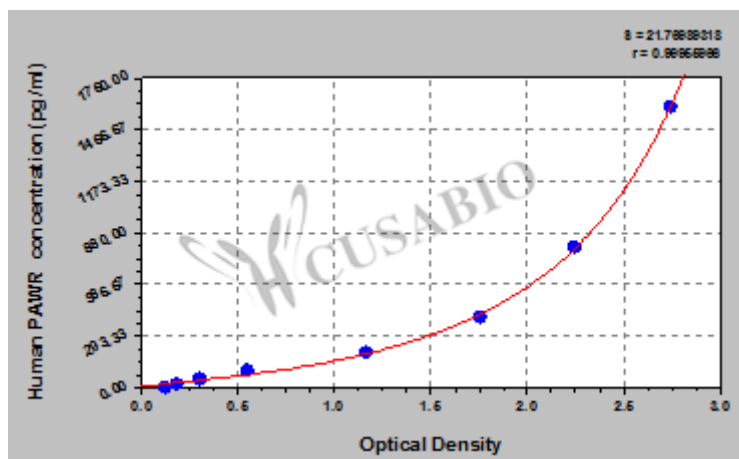
Recovery

The recovery of human PAWR 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	90-102
EDTA plasma (n=4)	94	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
1600	2.745	2.652	2.699	2.569
800	2.246	2.176	2.211	2.081
400	1.761	1.704	1.733	1.603
200	1.167	1.139	1.153	1.023
100	0.524	0.569	0.547	0.417
50	0.312	0.309	0.311	0.181
25	0.198	0.189	0.194	0.064
0	0.127	0.133	0.130	?

Msds

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