

Rat Membrane-associated progesterone receptor component 1 (PGRMC1) ELISA Kit | PGRMC1 elisa kit

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CATALOG #
AAA245327

REACTIVITY
Rat

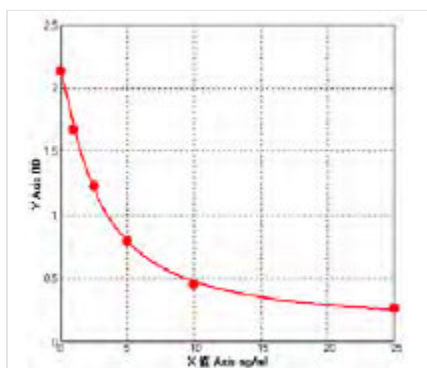
PRODUCT SYNONYMS

Membrane-associated progesterone receptor component 1 (PGRMC1); Rat Membrane-associated progesterone receptor component 1 (PGRMC1) ELISA Kit; PGRMC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGRMC1 elisa kit

Intended Uses: This Pgp ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat Pgp. This ELISA kit for research use only!

Principle of the Assay: Pgp ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-Pgp antibody and an Pgp-HRP conjugate. The assay sample and buffer are incubated together with Pgp-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Pgp concentration since Pgp from samples and Pgp-HRP conjugate compete for the anti-Pgp antibody binding site. Since the number of sites is limited, as more sites are occupied by Pgp from the sample, fewer sites are left to bind Pgp-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Pgp concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729875
NCBI GeneID	10857
NCBI Accession #	NP_006658.1
NCBI GenBank Nucleotide #	NM_006667.4
Molecular Weight	15,879 Da
NCBI Official Full Name	membrane-associated progesterone receptor component 1 isoform 1
NCBI Official Synonym Full Names	progesterone receptor membrane component 1
NCBI Official Symbol	PGRMC1
NCBI Official Synonym Symbols	MPR; HPR6.6
NCBI Protein Information	membrane-associated progesterone receptor component 1; progesterone binding protein
UniProt Protein Name	Membrane-associated progesterone receptor component 1
UniProt Gene Name	PGRMC1
UniProt Synonym Gene Names	HPR6.6; PGRMC; mPR
UniProt Entry Name	PGRC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.