

Human progesterone receptor membrane component 1 ELISA Kit | PGRMC1 elisa kit

Human Membrane-associated progesterone receptor component 1, PGRMC1 ELISA Kit

CATALOG #
AAA112998

REACTIVITY
Human

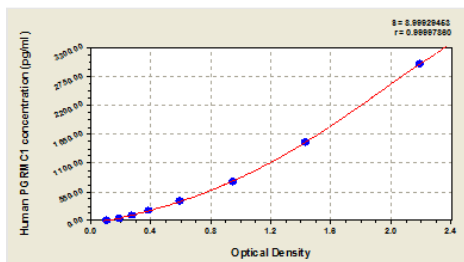
PRODUCT SYNONYMS

progesterone receptor membrane component 1; Human Membrane-associated progesterone receptor component 1; PGRMC1 ELISA Kit; Human Membrane-associated progesterone receptor component 1 (PGRMC1) ELISA kit; HPR6.6; MPR; progesterone binding protein; PGRMC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PGRMC1. No significant cross-reactivity or interference between human PGRMC1 and analogues was observed.
Sequence Length	143
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	47 pg/ml-3000 pg/ml.
Sensitivity	The minimum detectable dose of human PGRMC1 is typically less than 11.7pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay 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	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGRMC1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PGRMC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PGRMC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PGRMC1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PGRMC1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	544063461
NCBI GeneID	10857
NCBI Accession #	NP_001269550.1
NCBI GenBank Nucleotide #	NM_001282621.1
UniProt Accession #	O00264; Q9UGJ9; B7Z1L3
Molecular Weight	21,671 Da
NCBI Official Full Name	membrane-associated progesterone receptor component 1 isoform 2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pgrmc1-human-elisa-kits/progesterone-receptor-membrane-component-1/112998>