

Human Adiponectin Receptor 2 (ADIPOR2) ELISA Kit | ADIPOR2 elisa kit

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CATALOG #
AAA66759

REACTIVITY
Human

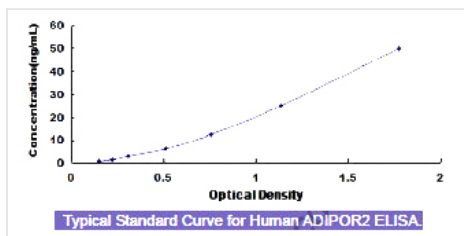
PRODUCT SYNONYMS

Adiponectin Receptor 2 (ADIPOR2); Human Adiponectin Receptor 2 (ADIPOR2) ELISA Kit; PAQR2 ACDCR2 Progesterone and AdipoQ Receptor Family Member II; ADIPOR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ADIPOR2. No significant cross-reactivity or interference between ADIPOR2 and analogues was observed.
Sequence Length	386
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	0.24ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ADIPOR2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ADIPOR2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADIPOR2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ADIPOR2 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADIPOR2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ADIPOR2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ADIPOR2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ADIPOR2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38261973
NCBI GeneID	79602
NCBI Accession #	NP_078827.2
NCBI GenBank Nucleotide #	NM_024551.2
UniProt Accession #	Q86V24; Q53YY5; Q9H737
Molecular Weight	43,884 Da
NCBI Official Full Name	adiponectin receptor protein 2
NCBI Official Synonym Full Names	adiponectin receptor 2
NCBI Official Symbol	ADIPOR2
NCBI Official Synonym Symbols	PAQR2; ACDCR2
NCBI Protein Information	adiponectin receptor protein 2
UniProt Protein Name	Adiponectin receptor protein 2
UniProt Gene Name	ADIPOR2

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.