

Porcine Adiponectin Receptor 1 ELISA Kit | ADIPOR1 elisa kit

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CATALOG #
AAA92566

REACTIVITY
Porcine

PRODUCT SYNONYMS

Adiponectin Receptor 1; Porcine Adiponectin Receptor 1 ELISA Kit; ADIPOR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Highest Standards	25 ng/mL
Concentration of Standards	Concentration of Standards
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADIPOR1 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This ADIPOR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ADIPOR1. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY ADIPOR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ADIPOR1 antibody and an ADIPOR1-HRP conjugate. The assay sample and buffer are incubated together with ADIPOR1-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 ADIPOR1 concentration since ADIPOR1 from samples and ADIPOR1-HRP conjugate compete for the anti-ADIPOR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ADIPOR1 from the sample, fewer sites are left to bind ADIPOR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADIPOR1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ADIPOR1 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	189095248
NCBI GeneID	51094
NCBI Accession #	NP_001121159.1
NCBI GenBank Nucleotide #	NM_001127687.1
Molecular Weight	42,616 Da
NCBI Official Synonym Full Names	adiponectin receptor 1
NCBI Official Symbol	ADIPOR1
NCBI Official Synonym Symbols	CGI45; PAQR1; ACDRC1; CGI-45; TESBP1A
NCBI Protein Information	adiponectin receptor protein 1
UniProt Protein Name	Adiponectin receptor protein 1
UniProt Gene Name	ADIPOR1
UniProt Synonym Gene Names	PAQR1; TESBP1A; CGI-45
UniProt Entry Name	ADR1_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.

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Online datasheet: <https://stage.aaabiotech.com/adipor1-porcine-elisa-kits/adiponectin-receptor-1/92566>