

Chicken Adiponectin Receptor 2 ELISA Kit | ADIPOR2 elisa kit

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CATALOG #
AAA91450

REACTIVITY
Chicken

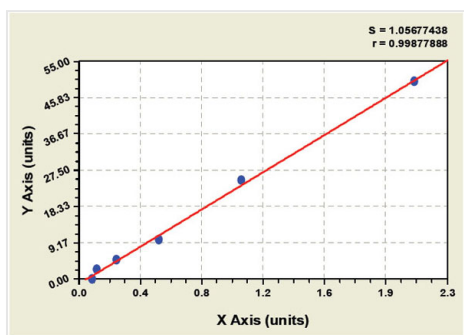
PRODUCT SYNONYMS

Adiponectin Receptor 2; Chicken Adiponectin Receptor 2 ELISA Kit; ADIPOR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Intended Uses	This ADIPOR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ADIPOR2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for ADIPOR2 elisa kit

Principle of the Assay: ADIPOR2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ADIPOR2. Standards or samples are then added to the microtiter plate wells and ADIPOR2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ADIPOR2 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for ADIPOR2 are added to each well to "sandwich" the ADIPOR2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ADIPOR2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADIPOR2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ADIPOR2 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	38261973
NCBI GeneID	79602
NCBI Accession #	NP_078827.2
NCBI GenBank Nucleotide #	NM_024551.2
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; progestin and adipoQ receptor family member II
UniProt Protein Name	Adiponectin receptor protein 2
UniProt Gene Name	ADIPOR2
UniProt Synonym Gene Names	PAQR2
UniProt Entry Name	ADR2_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/adipor2-chicken-elisa-kits/adiponectin-receptor-2/91450>