

Rat angiotensin-like 4 ELISA Kit | ANGPTL4 elisa kit

Rat Angiotensin-related protein 4, ANGPTL4 ELISA Kit

CATALOG #
AAA112784

REACTIVITY
Rat

PRODUCT SYNONYMS

angiotensin-like 4; Rat Angiotensin-related protein 4; ANGPTL4 ELISA Kit; Rat Angiotensin-related protein 4 (ANGPTL4) ELISA kit; ANGPTL2; ARP4; FIAF; HFARP; NL2; PGAR; pp1158; PPARG angiotensin related protein; angiotensin-like 4 protein; fasting-induced adipose factor; hepatic angiotensin-related protein; hepatic fibrinogen/a; ANGPTL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat ANGPTL4. No significant cross-reactivity or interference between rat ANGPTL4 and analogues was observed.
Sequence Length	405
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell culture supernates, urine, bronchoalveolar lavage fluid
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 pg/ml
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 ANGPTL4 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ANGPTL4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ANGPTL4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ANGPTL4 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 ANGPTL4 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40018598
NCBI GeneID	362850
NCBI Accession #	NP_954546.1
NCBI GenBank Nucleotide #	NM_199115.2
UniProt Accession #	Q6TMA8
Molecular Weight	44,951 Da
NCBI Official Full Name	angiotensinogen-related protein 4
NCBI Official Synonym Full Names	angiotensinogen-like 4
NCBI Official Symbol	Angptl4
NCBI Protein Information	angiotensinogen-related protein 4; HFARP; angiotensinogen-like protein 4; hepatic fibrinogen/angiotensinogen-related protein
UniProt Protein Name	Angiotensinogen-related protein 4
UniProt Gene Name	Angptl4
UniProt Synonym Gene Names	HFARP
UniProt Entry Name	ANGL4_RAT

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/angptl4-rat-elisa-kits/angiotensinogen-like-4/112784>