Mouse angiopoietin-like 2 ELISA Kit | ANGPTL2 elisa kit

Mouse Angiopoietin-related protein 2, ANGPTL2 ELISA Kit

CATALOG #	REACTIVITY
AAA112625	**Mouse**

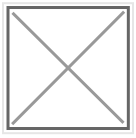
PRODUCT SYNONYMS

angiopoietin-like 2; Mouse Angiopoietin-related protein 2; ANGPTL2 ELISA Kit; Mouse Angiopoietin-related protein 2 (ANGPTL2) ELISA kit; RP11-1M19.1; ARP2; HARP; MGC8889; angiopoietin-related protein 2; ANGPTL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse ANGPTL2. No significant cross-reactivity or interference between Mouse ANGPTL2 and analogues was observed.
Sequence Length	493
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 ANGPTL2 elisa kit	**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ANGPTL2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ANGPTL2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ANGPTL2 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 ANGPTL2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31560520
NCBI GeneID	26360
NCBI Accession #	NP_036053.2
NCBI GenBank Nucleotide #	NM_011923.4
UniProt Accession #	Q9R045; Q8BM09
Molecular Weight	57,105 Da
NCBI Official Full Name	angiopoietin-related protein 2
NCBI Official Synonym Full Names	angiopoietin-like 2
NCBI Official Symbol	Angptl2
NCBI Official Synonym Symbols	Arp2; AI593246; AW260363
NCBI Protein Information	angiopoietin-related protein 2; angiopoietin-like protein 2; angiopoietin related protein 2
UniProt Protein Name	Angiopoietin-related protein 2
UniProt Gene Name	**Angptl2**
UniProt Synonym Gene Names	Arp2
UniProt Entry Name	ANGL2_MOUSE

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/angptl2-mouse-elisa-kits/angiopoietin-like-2/112625