

Mouse Angiopoietin-1 ELISA Kit | ANGPT1 elisa kit

Mouse Angiopoietin-1 PicoKine Quick ELISA Kit

CATALOG # AAA128086	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Angiopoietin-1; Mouse Angiopoietin-1 PicoKine Quick ELISA Kit; ANGPT1 elisa kit

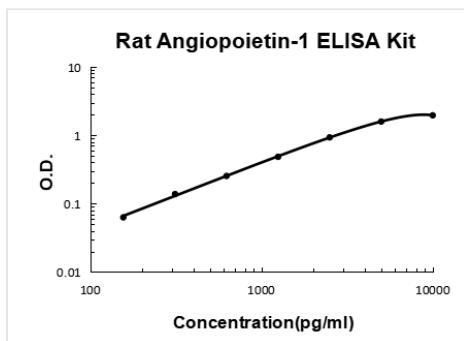
PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	156pg/ml-10,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: H16-F497
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for ANGPT1 elisa kit	ELISA
Kit Components	Description/Quantity/Volume Anti-tag Pre-coated 96-well Strip Microplate/1/12 strips of 8 wells Standard/2, 10 ng/tube Antibody A/1/3ml Antibody B/1/3ml Sample Diluent/1/15ml TBS-T Wash Buffer (25x)/1/12ml Color Developing Reagent (TMB)/1/10ml Stop Solution/1/10ml Adhesive plate sealers/2/Piece
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Automated plate washer (optional) Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution. Horizontal orbital microplate shaker capable of maintaining a speed of 500rpm, amplitude 3mm.
Sample Data	Concentration (pg/ml)015631362512502500500010000O.D.0.0840.1470.2220.3380.5681.0171.6732.044
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)3111285493028712895041Standard deviation18.9760.39295.818.6570.89317.58CV (%)6.1%4.7%6%6.5%5.5%6.3%
Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 131129331228229912.614.2%Sample 21285107112531292122590.267.3%Sample 349305240528743714957365.077.3%*number of samples for each test n=16.

Preparation and Storage

Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)

Mouse Angiopoietin-1 PicoKine Quick ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for ANGPT1 elisa kit

The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.

Product Categories/Family for ANGPT1 elisa kit

[Quick ELISA Kits](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	341940219
NCBI GeneID	11600
UniProt Accession #	O08538 ; Q6NWW7
Molecular Weight	57,519 Da
NCBI Official Full Name	Angiopoietin-1
NCBI Official Synonym Full Names	angiopoietin 1
NCBI Official Symbol	Angpt1
NCBI Official Synonym Symbols	Ang1; Ang-1; 1110046O21Rik
NCBI Protein Information	angiopoietin-1
UniProt Protein Name	Angiopoietin-1
UniProt Gene Name	Angpt1
UniProt Synonym Gene Names	Agpt; ANG-1
UniProt Entry Name	ANGP1_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/angpt1-mouse-elisa-kits/angiopoietin-1/128086>