

Mouse angiopoietin 1 ELISA Kit | ANGPT1 elisa kit

Mouse Angiopoietin 1, ANG-1 ELISA Kit

CATALOG #
AAA15610

REACTIVITY
Mouse

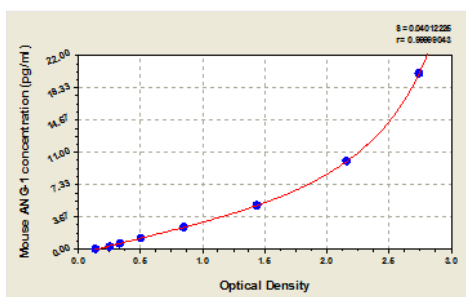
PRODUCT SYNONYMS

angiopoietin 1; Mouse Angiopoietin 1; ANG-1 ELISA Kit; AGP1; AGPT; ANG1; ; ANGPT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ANG-1. No significant cross-reactivity or interference between mouse ANG-1 and analogues was observed.
Sequence Length	498
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	1.25 ng/ml-80 ng/ml
Sensitivity	< 0.31 ng/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 ANGPT1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ANG-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ANG-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ANG-1 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 ANG-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46048213
NCBI GeneID	11600
NCBI Accession #	NP_033770.2
NCBI GenBank Nucleotide #	NM_009640.4
UniProt Accession #	O08538; Q6NWW7
Molecular Weight	57,519 Da
NCBI Official Full Name	angiotensinogen-converting enzyme 1 isoform 1
NCBI Official Synonym Full Names	angiotensinogen 1
NCBI Official Symbol	Angpt1
NCBI Official Synonym Symbols	Ang1; Ang-1; 1110046O21Rik
NCBI Protein Information	angiotensinogen-converting enzyme 1
UniProt Protein Name	Angiotensinogen-converting enzyme 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/angiotensinogen-converting-enzyme-1/15610>