

Mouse angiopoietin 2 ELISA Kit | ANGPT2 elisa kit

Mouse Angiopoietin 2, ANG-2 ELISA Kit

CATALOG #
AAA80005

REACTIVITY
Mouse

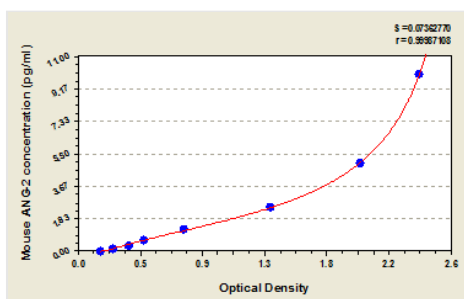
PRODUCT SYNONYMS

angiopoietin 2; Mouse Angiopoietin 2; ANG-2 ELISA Kit; AGPT2; ANG2; Tie2-ligand; angiopoietin-2; angiopoietin-2B; angiopoietin-2a; ANGPT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ANG-2. No significant cross-reactivity or interference between mouse ANG-2 and analogues was observed.
Sequence Length	496
Samples	Serum, plasma, tissue homogenates, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	0.156 pg/ml-10 pg/ml
Sensitivity	< 0.039 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 ANGPT2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ANG-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ANG-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ANG-2 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-2 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 #	31982508
NCBI GeneID	11601
NCBI Accession #	NP_031452.2
NCBI GenBank Nucleotide #	NM_007426.4
UniProt Accession #	O35608; Q3U1A1; Q9D2D2
Molecular Weight	56,576 Da
NCBI Official Full Name	angiotensinogen-converting enzyme 2
NCBI Official Synonym Full Names	angiotensinogen-converting enzyme 2
NCBI Official Symbol	Angpt2
NCBI Official Synonym Symbols	Ang2; Agpt2; Ang-2
NCBI Protein Information	angiotensinogen-converting enzyme 2
UniProt Protein Name	Angiotensinogen-converting enzyme 2
UniProt Gene Name	Angpt2
UniProt Synonym Gene Names	Agpt2; ANG-2
UniProt Entry Name	ANGPT2_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/angpt2-mouse-elisa-kits/angiotensinogen-converting-enzyme-2/80005>