

Rat angiotensin 1 ELISA Kit | ANGPT1 elisa kit

Rat Angiotensin 1, ANG-1 ELISA Kit

CATALOG #
AAA80425

REACTIVITY
Rat

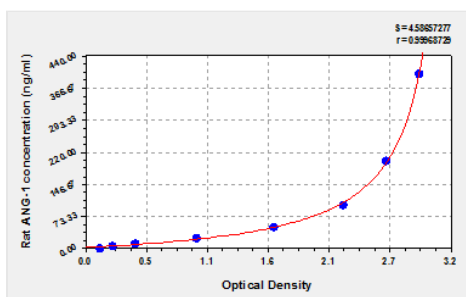
PRODUCT SYNONYMS

angiotensin 1; Rat Angiotensin 1; ANG-1 ELISA Kit; AGP1; AGPT; ANG1; ; ANGPT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat ANG-1. No significant cross-reactivity or interference between rat ANG-1 and analogues was observed.
Sequence Length	497
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	6.25 ng/ml-400 ng/ml
Sensitivity	<1.56 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 #	23308739
NCBI GeneID	89807
NCBI Accession #	NP_445998.1
NCBI GenBank Nucleotide #	NM_053546.1
UniProt Accession #	O35460; Q8K4Q4
Molecular Weight	57,461 Da
NCBI Official Full Name	angiopoietin-1
NCBI Official Synonym Full Names	angiopoietin 1
NCBI Official Symbol	Angpt1
NCBI Official Synonym Symbols	Agpt; Agpt1; Ang-1
NCBI Protein Information	angiopoietin-1
UniProt Protein Name	Angiopoietin-1
UniProt Gene Name	Angpt1
UniProt Synonym Gene Names	ANG-1
UniProt Entry Name	ANGP1_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/angpt1-rat-elisa-kits/angiopoietin-1/80425>