

Human angiotensin 1 ELISA Kit | ANGPT1 elisa kit

Human Angiotensin-1, ANGPT1 ELISA Kit

CATALOG #
AAA18050

REACTIVITY
Human

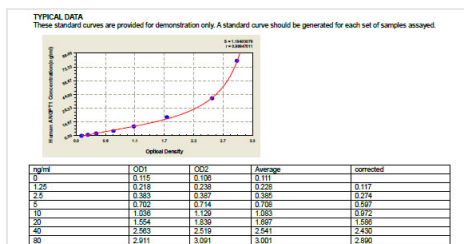
PRODUCT SYNONYMS

angiotensin 1; Human Angiotensin-1; ANGPT1 ELISA Kit; Human Angiotensin-1 (ANGPT1) ELISA kit; AGP1; AGPT; ANG1; ; Human Angiotensin-1 (ANGPT1); ANGPT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ANGPT1. No significant cross-reactivity or interference between human ANGPT1 and analogues was observed.
Sequence Length	498
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.25 ng/ml-80 ng/ml
Sensitivity	< 0.091 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 ANGPT1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ANGPT1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ANGPT1 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 ANGPT1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20532340
NCBI GeneID	284
NCBI Accession #	NP_001137.2
NCBI GenBank Nucleotide #	NM_001146.3
UniProt Accession #	Q15389; Q5HYA0
Molecular Weight	57,513 Da
NCBI Official Full Name	angiotensinogen 1 isoform 1
NCBI Official Synonym Full Names	angiotensinogen 1
NCBI Official Symbol	ANGPT1
NCBI Official Synonym Symbols	AGP1; AGPT; ANG1
NCBI Protein Information	angiotensinogen-1; ANG-1
UniProt Protein Name	Angiotensinogen-1
UniProt Gene Name	ANGPT1
UniProt Synonym Gene Names	KIAA0003; ANG-1
UniProt Entry Name	ANGP1_HUMAN

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://www.aaabiotech.com/angpt1-human-elisa-kits/angiotensinogen-1/18050>