

Human Angiopoietin 1 (ANGPT1) ELISA Kit | ANGPT1 elisa kit

Human Angiopoietin 1 (ANGPT1) Mini Samples ELISA Kit

CATALOG # AAA150391	REACTIVITY Human	APPLICATIONS ELISA
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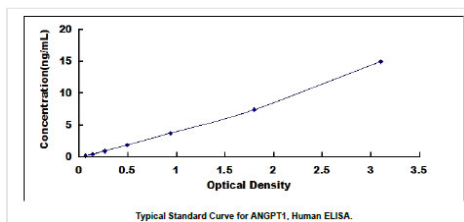
PRODUCT SYNONYMS

Angiopoietin 1 (ANGPT1); Human Angiopoietin 1 (ANGPT1) Mini Samples ELISA Kit; ANG1; AGP1; AGPT; ANG-I; ANGPT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ANGPT1. No significant cross-reactivity or interference between ANGPT1 and analogues was observed.
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	0.24-15ng/mL
Sensitivity	0.09ng/mL
Applicable Applications for ANGPT1 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ANGPT1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ANGPT1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANGPT1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ANGPT1 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ANGPT1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ANGPT1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ANGPT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ANGPT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for ANGPT1 elisa kit	Tumor immunity; Cardiovascular biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	315434240
NCBI GeneID	284
NCBI Accession #	NP_001186788.1
NCBI GenBank Nucleotide #	NM_001199859.1
UniProt Accession #	Q15389; Q5HYA0
Molecular Weight	57,513 Da
NCBI Official Full Name	angiotensinogen-converting enzyme 1 isoform 2
NCBI Official Synonym Full Names	angiotensinogen 1
NCBI Official Symbol	ANGPT1
NCBI Official Synonym Symbols	AGP1; AGPT; ANG1
NCBI Protein Information	angiotensinogen-converting enzyme 1; ANG-1
UniProt Protein Name	Angiotensinogen-converting enzyme 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.