

Human angiotatin, ANG ELISA Kit | ANG elisa kit

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CATALOG #
AAA79533

REACTIVITY
Human

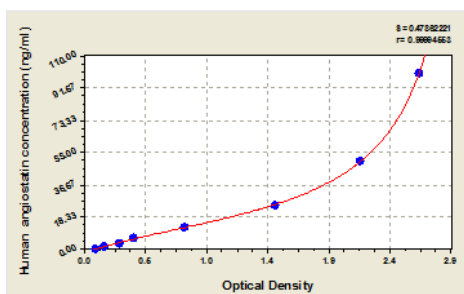
PRODUCT SYNONYMS

angiotatin; ANG; Human angiotatin; ANG ELISA Kit; ANG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human angiotatin. No significant cross-reactivity or interference between human angiotatin and analogues was observed.
Sequence Length	1084
Samples	Serum, plasma, tissue homogenates, cell culture supernates
Assay Type	Sandwich
Detection Range	1.56 ng/ml -100 ng/ml.
Sensitivity	The minimum detectable dose of human angiotatin is typically less than 0.39 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 ANG elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for angiostatin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any angiostatin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for angiostatin 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 angiostatin 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 #	166064029
NCBI GeneID	154796
NCBI Accession #	NP_001106962.1
NCBI GenBank Nucleotide #	NM_001113490.1
UniProt Accession #	Q4VCS5; Q504X5; Q9HD27; Q9UPT1
Molecular Weight	72,540 Da
NCBI Official Full Name	angiomotin isoform 1
NCBI Official Synonym Full Names	angiomotin
NCBI Official Symbol	AMOT
NCBI Protein Information	angiomotin; angiomotin p80 isoform; angiomotin p130 isoform
UniProt Protein Name	Angiomotin
UniProt Gene Name	AMOT
UniProt Synonym Gene Names	KIAA1071
UniProt Entry Name	AMOT_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.