

Human Angiotensin I (ANG-1) ELISA Kit | ANG-1 elisa kit

Human Angiotensin I (ANG-1) ELISA Kit

CATALOG #
AAA190316

REACTIVITY
Human

PRODUCT SYNONYMS

Angiotensin I (ANG-1); Human Angiotensin I (ANG-1) ELISA Kit; Angiotensin I ;AngI; ANG-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ANG-1. No significant cross-reactivity or interference between Human ANG-1 and analogues was observed.
Sequence Length	1306
Assay Type	Quantitive Sandwich
Samples	Serum, Plasma, Other Biological Fluids
Detection Wavelength	450 nm
Intra-assay Precision (Precision within an assay)	Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision (Precision between assays)	Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
CV (%)	= SD/meanX100
Intra-Assay	CV
Inter-Assay	CV
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ANG-1 elisa kit	This assay employs a two-site sandwich ELISA to quantitate ANG-1 in samples. An 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, Streptavidin 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 #	4503273
NCBI GeneID	1636
NCBI Accession #	NP_000780.1
NCBI GenBank Nucleotide #	NM_000789.3
UniProt Accession #	P12821; P22966; Q53YX9; Q59GY8; Q7M4L4; B0LPF0; B4DXI3; E7EU16

Molecular Weight	78,694 Da
NCBI Official Full Name	angiotensin-converting enzyme isoform 1
NCBI Official Synonym Full Names	angiotensin I converting enzyme
NCBI Official Symbol	ACE
NCBI Official Synonym Symbols	DCP; ACE1; DCP1; CD143
NCBI Protein Information	angiotensin-converting enzyme
UniProt Protein Name	Angiotensin-converting enzyme
UniProt Gene Name	ACE
UniProt Synonym Gene Names	DCP; DCP1; ACE

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/human-elisa-kits/angiotensin-i-ang-1/190316>