

Human Angiomotin ELISA Kit | AMOT elisa kit

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CATALOG #
AAA86143

REACTIVITY
Human

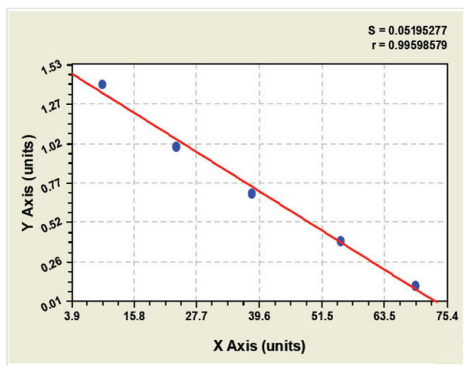
PRODUCT SYNONYMS

Angiomotin; Human Angiomotin ELISA Kit; AMOT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This AMOT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AMOT. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMOT elisa kit

Principle of the assay: AMOT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AMOT antibody and an AMOT-HRP conjugate. The assay sample and buffer are incubated together with AMOT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AMOT concentration since AMOT from samples and AMOT-HRP conjugate compete for the anti-AMOT antibody binding site. Since the number of sites is limited, as more sites are occupied by AMOT from the sample, fewer sites are left to bind AMOT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AMOT concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9887326
NCBI GeneID	154796
Molecular Weight	72,540 Da
NCBI Official Full Name	angiomotin
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.

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Online datasheet: <https://stage.aaabiotech.com/amot-human-elisa-kits/angiomotin/86143>