

Mouse Angiopoietin-2 ELISA Kit | Ang2 elisa kit

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CATALOG #
AAA100262

REACTIVITY
Mouse

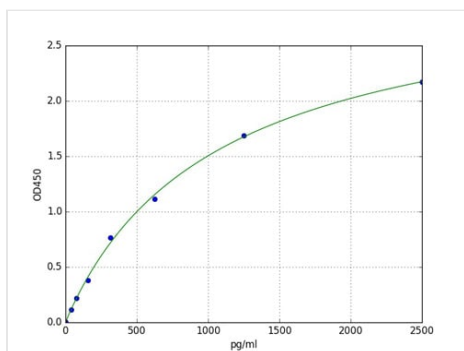
PRODUCT SYNONYMS

Angiopoietin-2; Mouse Angiopoietin-2 ELISA Kit; ANG2 (Angiopoietin 2)/ANG-2/ANGPT2/AGPT2; Ang2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	96
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	39.063-2500pg/ml
Sensitivity	23.438pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a ANG2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.029	0.105	0.182	0.313	0.356	0.919	1.436	2.056

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ang2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-ANG2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- ANG2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the ANG2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of ANG2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

50082538

NCBI GeneID	285
Molecular Weight	56,848 Da
NCBI Official Full Name	angiotensinogenase-2, partial
NCBI Official Synonym Full Names	angiotensinogenase 2
NCBI Official Symbol	ANGPT2
NCBI Official Synonym Symbols	ANG2; AGPT2
NCBI Protein Information	angiotensinogenase-2
UniProt Protein Name	Angiotensinogenase-2
UniProt Gene Name	ANGPT2
UniProt Synonym Gene Names	ANG-2
UniProt Entry Name	ANGPT2_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/ang2-mouse-elisa-kits/angiotensinogenase-2/100262>