

Rat ACTN2 ELISA Kit | ACTN2 elisa kit

Rat ACTN2 (Actinin Alpha 2) ELISA Kit

CATALOG #
AAA165481

REACTIVITY
Rat

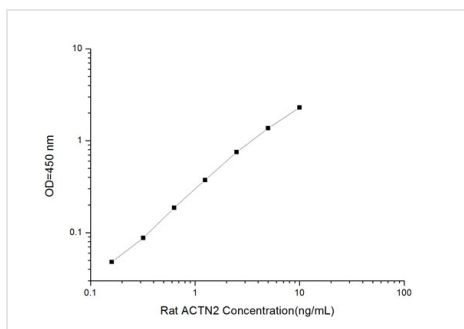
PRODUCT SYNONYMS

ACTN2; Rat ACTN2 (Actinin Alpha 2) ELISA Kit; ACTN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat ACTN2. No significant cross-reactivity or interference between Rat ACTN2 and analogues was observed.
Sequence Length	894
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACTN2 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat ACTN2 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to ACTN2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ACTN2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ACTN2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of ACTN2. You can calculate the concentration of ACTN2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	507588248
NCBI GeneID	88
NCBI Accession #	NP_001265272.1
NCBI GenBank Nucleotide #	NM_001278343.1
UniProt Accession #	P35609; Q86TF4; Q86TI8; B1ANE4; B2RCS5
Molecular Weight	103,920 Da
NCBI Official Full Name	alpha-actinin-2 isoform 2
NCBI Official Synonym Full Names	actinin, alpha 2
NCBI Official Symbol	ACTN2
NCBI Official Synonym Symbols	CMD1AA
NCBI Protein Information	alpha-actinin-2; F-actin cross-linking protein; alpha-actinin skeletal muscle
UniProt Protein Name	Alpha-actinin-2
UniProt Gene Name	ACTN2
UniProt Entry Name	ACTN2_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/rat-elisa-kits/actn2/165481>