

Bovine Actin ELISA Kit | ACTA1 elisa kit

Bovine Actin, alpha skeletal muscle ELISA Kit

CATALOG #
AAA194878

REACTIVITY
Bovine

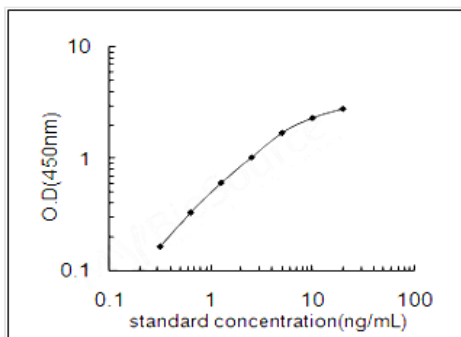
PRODUCT SYNONYMS

Actin; Bovine Actin; alpha skeletal muscle ELISA Kit; alpha skeletal muscle; Alpha-actin-1; ACTA1; ACTA; ACTA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovineActin, alpha skeletal muscle. No significant cross-reactivity or interference was observed.
Sequence Length	377
Samples	Serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACTA1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination ofbovineActin, alpha skeletal muscleconcentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Actin, alpha skeletal muscle. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forActin, alpha skeletal muscle and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Actin, alpha skeletal muscle, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Actin, alpha skeletal muscle in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27819614
NCBI GeneID	281592
NCBI Accession #	NP_776650.1
NCBI GenBank Nucleotide #	NM_174225.1
UniProt Accession #	P68138; P02568; P99020; Q3ZCG3
Molecular Weight	42,051 Da
NCBI Official Full Name	actin, alpha skeletal muscle
NCBI Official Symbol	ACTA1
NCBI Protein Information	actin, alpha skeletal muscle
UniProt Protein Name	Actin, alpha skeletal muscle
UniProt Gene Name	ACTA1
UniProt Synonym Gene Names	ACTA
UniProt Entry Name	ACTS_BOVIN

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/acta1-bovine-ovine-elisa-kits/actin/194878>