

Mouse Actin ELISA Kit | Acta2 elisa kit

Mouse Actin, aortic smooth muscle ELISA Kit

CATALOG #
AAA310113

REACTIVITY
Mouse

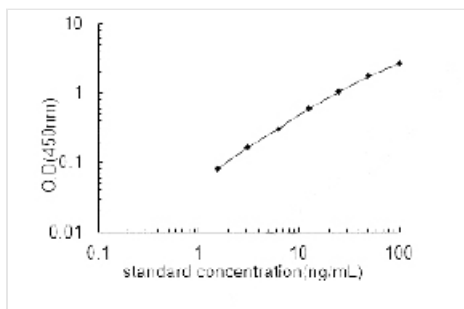
PRODUCT SYNONYMS

Actin; Mouse Actin; aortic smooth muscle ELISA Kit; aortic smooth muscle; Alpha-actin-2; Acta2; Actsa; Actvs; Acta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural humanHERV-V_19q13.41 provirus ancestral Env polyprotein 1. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma,Tissue Homogenates And Cell Culture Supernates And Other Biological Fluids
Detection Range	0.31ng/ml-20.0ng/ml.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Acta2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of humanHERV-V_19q13.41 provirus ancestral Env polyprotein 1 concentrations 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 HERV-V_19q13.41 provirus ancestral Env polyprotein 1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forHERV-V_19q13.41 provirus ancestral Env polyprotein 1 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 HERV-V_19q13.41 provirus ancestral Env polyprotein 1, 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 +/- 2 nm. The concentration of HERV-V_19q13.41 provirus ancestral Env polyprotein 1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6671507
NCBI GeneID	11475
NCBI Accession #	NP_031418.1
NCBI GenBank Nucleotide #	NM_007392.3
UniProt Accession #	P62737; P03996; P04108
Molecular Weight	42,009 Da
NCBI Official Full Name	actin, aortic smooth muscle
NCBI Official Synonym Full Names	actin, alpha 2, smooth muscle, aorta
NCBI Official Symbol	Acta2
NCBI Official Synonym Symbols	Actvs; a-SMA; SMalphaA; alphaSMA; 0610041G09Rik
NCBI Protein Information	actin, aortic smooth muscle
UniProt Protein Name	Actin, aortic smooth muscle
UniProt Gene Name	Acta2
UniProt Synonym Gene Names	Actsa; Actvs

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/acta2-mouse-elisa-kits/actin/310113>