

Human Anti Actin Antibody ELISA Kit | AAA elisa kit

Human Anti Actin Antibody ELISA Kit

CATALOG #
AAA81928

REACTIVITY
Human

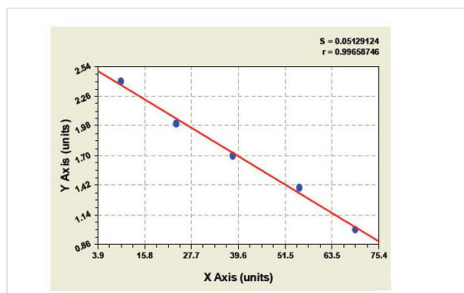
PRODUCT SYNONYMS

Anti Actin Antibody; Human Anti Actin Antibody ELISA Kit; AAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AAA
elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

PRINCIPLE OF THE ASSAY AAA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AAA antibody and an AAA-HRP conjugate. The assay sample and buffer are incubated together with AAA-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 AAA concentration since AAA from samples and AAA-HRP conjugate compete for the anti-AAA antibody binding site. Since the number of sites is limited, as more sites are occupied by AAA from the sample, fewer sites are left to bind AAA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AAA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for AAA
elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	62473526
NCBI GeneID	31521
NCBI Accession #	NP_001014726.1
NCBI GenBank Nucleotide #	NM_001014726.2
Molecular Weight	41,822 Da
NCBI Official Full Name	actin 5C, isoform C
NCBI Official Synonym Full Names	Actin 5C
NCBI Official Symbol	Act5C
NCBI Official Synonym Symbols	A; A4V404_DROME; Ac5C; act; Act; ACT; act 5C; Act-5C; ACT1_DROME; Act5; act5C; Act5c; ACT5C; actin; Actin; Actin/BAP47; actin5C; Actin5C; anon-EST:fe2D2; Bap47; BAP47; beta-actin; beta-actin/Bap47; CG4027; chrX:5748184..5748304; cyt5C; DmelCG4027; I(1)G00
NCBI Protein Information	CG4027 gene product from transcript CG4027-RE; 5C actin; Act5C-PA; Act5C-PB; Act5C-PC; Act5C-PD; Act5C-PE; CG4027-PA; CG4027-PB; CG4027-PC; CG4027-PD; CG4027-PE; Dm-actin5C; F-actin; G-actin; actin 5 C; actin 5C; actin 5c; actin A1; anon-fast-evolving-2D2; beta-actin; cellular cytoskeletal beta-actin
UniProt Protein Name	Actin-5C
UniProt Gene Name	Act5C
UniProt Synonym Gene Names	CG4027
UniProt Entry Name	ACT1_DROME

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/aaa-human-elisa-kits/anti-actin-antibody/81928>