

Chicken Actin Filament Associated Protein 1 ELISA Kit | AFAP1 elisa kit

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CATALOG #
AAA94954

REACTIVITY
Chicken

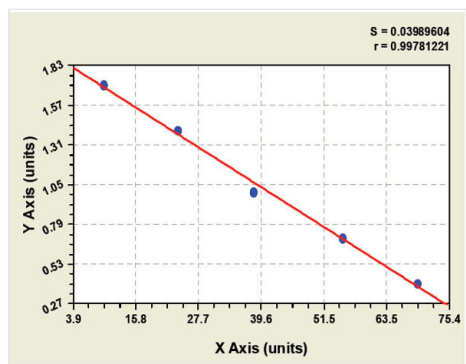
PRODUCT SYNONYMS

Actin Filament Associated Protein 1; Chicken Actin Filament Associated Protein 1 ELISA Kit; AFAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This AFAP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken AFAP1. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AFAP1 elisa kit

Principle of the Assay: AFAP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AFAP1 antibody and an AFAP1-HRP conjugate. The assay sample and buffer are incubated together with AFAP1-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 AFAP1 concentration since AFAP1 from samples and AFAP1-HRP conjugate compete for the anti-AFAP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by AFAP1 from the sample, fewer sites are left to bind AFAP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AFAP1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	197382472
NCBI GeneID	60312
NCBI Accession #	NP_001128119.1
NCBI GenBank Nucleotide #	NM_001134647.1
Molecular Weight	89,795 Da
NCBI Official Full Name	actin filament-associated protein 1 isoform A
NCBI Official Synonym Full Names	actin filament associated protein 1
NCBI Official Symbol	AFAP1
NCBI Official Synonym Symbols	AFAP; AFAP110; AFAP-110
NCBI Protein Information	actin filament-associated protein 1; 110 kDa actin filament-associated protein; actin filament-associated protein, 110 kDa
UniProt Protein Name	Actin filament-associated protein 1
UniProt Gene Name	AFAP1
UniProt Synonym Gene Names	AFAP; AFAP-110
UniProt Entry Name	AFAP1_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/afap1-chicken-elisa-kits/actin-filament-associated-protein-1/94954>