

Mouse Apoptosis inhibitor 5 (API5) ELISA Kit | API5 elisa kit

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CATALOG #
AAA245203

REACTIVITY
Mouse

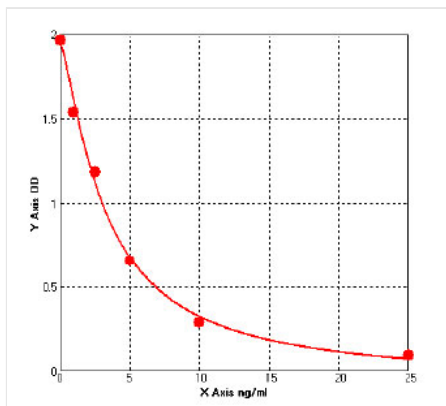
PRODUCT SYNONYMS

Apoptosis inhibitor 5 (API5); Mouse Apoptosis inhibitor 5 (API5) ELISA Kit; API5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of API5. No significant cross-reactivity or interference between API5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between API5 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for API5 elisa kit	Principle of the Assay: API5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-API5 antibody and an API5-HRP conjugate. The assay sample and buffer are incubated together with API5-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 API5 concentration since API5 from samples and API5-HRP conjugate compete for the anti-API5 antibody binding site. Since the number of sites is limited, as more sites are occupied by API5 from the sample, fewer sites are left to bind API5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The API5 concentration in each sample is interpolated from this standard curve. Intended Uses: This API5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse API5. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for API5 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	57529974
NCBI GeneID	423168
NCBI Accession #	NP_001006474.1
NCBI GenBank Nucleotide #	NM_001006474.1
Molecular Weight	58,609 Da
NCBI Official Full Name	apoptosis inhibitor 5
NCBI Official Synonym Full Names	apoptosis inhibitor 5
NCBI Official Symbol	API5
NCBI Protein Information	apoptosis inhibitor 5; API-5
UniProt Protein Name	Apoptosis inhibitor 5
UniProt Gene Name	API5
UniProt Synonym Gene Names	RCJMB04_1a12; API-5
UniProt Entry Name	API5_CHICK

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.