

Monkey Aminopeptidase ELISA Kit | AMP elisa kit

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CATALOG #
AAA94871

REACTIVITY
Monkey

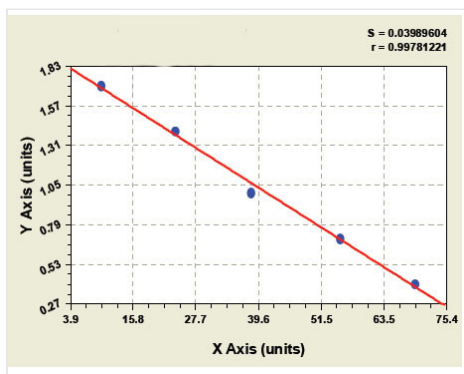
PRODUCT SYNONYMS

Aminopeptidase; Monkey Aminopeptidase ELISA Kit; AMP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This Aminopeptidase ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey Aminopeptidase. 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 AMP elisa kit	Principle of the Assay: Aminopeptidase ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Aminopeptidase antibody and an Aminopeptidase-HRP conjugate. The assay sample and buffer are incubated together with Aminopeptidase-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 Aminopeptidase concentration since Aminopeptidase from samples and Aminopeptidase-HRP conjugate compete for the anti-Aminopeptidase antibody binding site. Since the number of sites is limited, as more sites are occupied by Aminopeptidase from the sample, fewer sites are left to bind Aminopeptidase-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Aminopeptidase concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AMP elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	494658102
NCBI Accession #	WP_007416046.1
NCBI GenBank Nucleotide #	WP_007416046.1
NCBI Official Full Name	aminopeptidase

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/amp-monkey-elisa-kits/aminopeptidase/94871>