

Monkey Acid Phosphatase 3 ELISA Kit | ACP3 elisa kit

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CATALOG #
AAA97385

REACTIVITY
Monkey

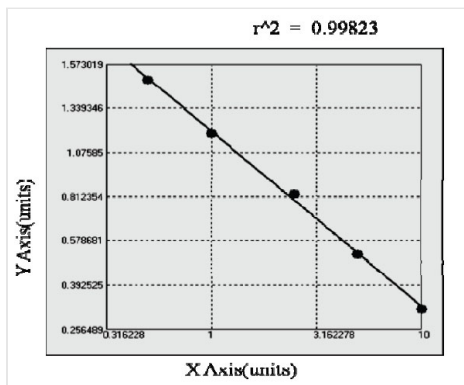
PRODUCT SYNONYMS

Acid Phosphatase 3; Monkey Acid Phosphatase 3 ELISA Kit; ACP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACP3 elisa kit

Principle of the assay: ACP3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ACP3 antibody and an ACP3-HRP conjugate. The assay sample and buffer are incubated together with ACP3-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 ACP3 concentration since ACP3 from samples and ACP3-HRP conjugate compete for the anti-ACP3 antibody binding site. Since the number of sites is limited, as more sites are occupied by ACP3 from the sample, fewer sites are left to bind ACP3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACP3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ACP3 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	489080319
NCBI Accession #	WP_002990256.1
NCBI GenBank Nucleotide #	WP_002990256.1
NCBI Official Full Name	MULTISPECIES: acid phosphatase

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/acp3-monkey-elisa-kits/acid-phosphatase-3/97385>