

Rat Acid Phosphatase, ACP ELISA Kit | ACP elisa kit

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CATALOG #
AAA121221

REACTIVITY
Rat

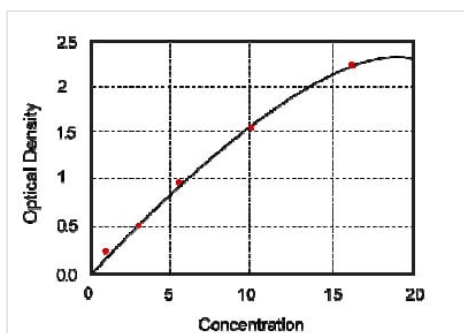
PRODUCT SYNONYMS

Acid Phosphatase; ACP; Rat Acid Phosphatase; ACP ELISA Kit; ACP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	412
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.05-20mU/mL
Sensitivity	0.026mU/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Acid Phosphatase (also known as ACP) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ACP antibody. ACP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ACP Antibody is added and binds to ACP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ACP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat ACP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	169176
Molecular Weight	45,628 Da
NCBI Official Full Name	acid phosphatase
UniProt Protein Name	Phosphate-repressible acid phosphatase
UniProt Gene Name	PHOA

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/acid-phosphatase-acp/121221>