

Bovine Serine/threonine-protein phosphatase PP1-alpha catalytic subunit ELISA Kit | PPP1CA elisa kit

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CATALOG # AAA56318	REACTIVITY Bovine
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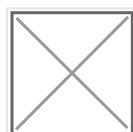
PRODUCT SYNONYMS

Serine/threonine-protein phosphatase PP1-alpha catalytic subunit; Bovine Serine/threonine-protein phosphatase PP1-alpha catalytic subunit ELISA Kit; PPP1CA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural Bovine PP-1A. No significant cross-reactivity or interference was observed.
Sequence Length	270
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	0.78-50.0 ng/ml.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PPP1CA elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to PP-1A. During the reaction, PP-1A in the sample or standard competes with a fixed amount of biotin-labeled PP-1A for sites on a pre-coated Monoclonal antibody specific to PP-1A. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of PP-1A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	78369446
NCBI GeneID	516175
NCBI Accession #	NP_001030393.1

NCBI GenBank Nucleotide #	NM_001035316.2
UniProt Accession #	Q3T0E7
Molecular Weight	37,512 Da
NCBI Official Full Name	serine/threonine-protein phosphatase PP1-alpha catalytic subunit
NCBI Official Symbol	PPP1CA
NCBI Protein Information	serine/threonine-protein phosphatase PP1-alpha catalytic subunit
UniProt Protein Name	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit
UniProt Gene Name	PPP1CA
UniProt Synonym Gene Names	PP-1A
UniProt Entry Name	PP1A_BOVIN

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/ppp1ca-bovine-ovine-elisa-kits/serine-threonine-protein-phosphatase-pp1-alpha-catalytic-subunit/56318>