

Bovine Peptidyl-prolyl cis-trans isomerase A ELISA Kit | PPIA elisa kit

Bovine Peptidyl-prolyl cis-trans isomerase A ELISA Kit

CATALOG #
AAA56378

REACTIVITY
Bovine

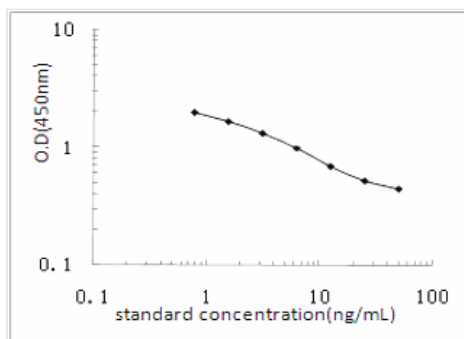
PRODUCT SYNONYMS

Peptidyl-prolyl cis-trans isomerase A; Bovine Peptidyl-prolyl cis-trans isomerase A ELISA Kit; PPIA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural Bovine PPIase A. No significant cross-reactivity or interference was observed.
Sequence Length	190
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	0.78-50.0 ng/ml.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of bovine PPIase A concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
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 PPIA 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 PPIase A. During the reaction, PPIase A in the sample or standard competes with a fixed amount of biotin-labeled PPIase A for sites on a pre-coated Monoclonal antibody specific to PPIase A. 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 PPIase A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	528947000
NCBI GeneID	281418
NCBI Accession #	XP_005205627.1
NCBI GenBank Nucleotide #	XM_005205570.1
UniProt Accession #	P62935; P04374; P10110; Q29580; Q56JX4
Molecular Weight	17,869 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase A isoform X1
NCBI Official Symbol	PPIA
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase A
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase A
UniProt Gene Name	PPIA
UniProt Synonym Gene Names	PPlase A
UniProt Entry Name	PPIA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ppia-bovine-ovine-elisa-kits/peptidyl-prolyl-cis-trans-isomerase-a/56378>