

Bovine 10 kDa heat shock protein ELISA Kit | HSPE1 elisa kit

Bovine 10 kDa heat shock protein, mitochondrial ELISA Kit

CATALOG #
AAA193561

REACTIVITY
Bovine

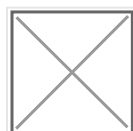
PRODUCT SYNONYMS

10 kDa heat shock protein; Bovine 10 kDa heat shock protein; mitochondrial ELISA Kit; mitochondrial; Hsp10; 10 kDa chaperonin; Chaperonin 10; CPN10; HSPE1; HSPE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine Hsp10. No significant cross-reactivity or interference was observed.
Sequence Length	102
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	1.56 ng/mL -100 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 HSPE1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine Hsp10 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Hsp10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Hsp10 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Hsp10, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Hsp10 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27805927
NCBI GeneID	281833
NCBI Accession #	NP_776771.1
NCBI GenBank Nucleotide #	NM_174346.2

UniProt Accession #	P61603; O95421; Q04984; Q3SZV9
Molecular Weight	10,932 Da
NCBI Official Full Name	10 kDa heat shock protein, mitochondrial
NCBI Official Symbol	HSPE1
NCBI Protein Information	10 kDa heat shock protein, mitochondrial
UniProt Protein Name	10 kDa heat shock protein, mitochondrial
UniProt Gene Name	HSPE1
UniProt Synonym Gene Names	Hsp10; CPN10
UniProt Entry Name	CH10_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/hspe1-bovine-ovine-elisa-kits/10-kda-heat-shock-protein/193561>