

Bovine heat shock protein 90kDa alpha (cytosolic) , class A member 1 ELISA Kit | HSP90AA1 elisa kit

Bovine Heat shock protein HSP 90-alpha, HSP90AA1 ELISA Kit

CATALOG #
AAA112303

REACTIVITY
Bovine

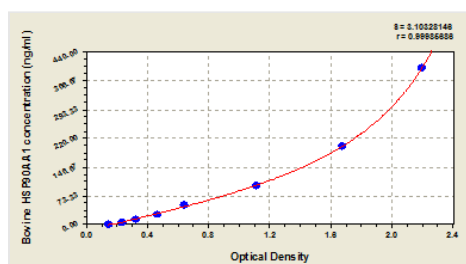
PRODUCT SYNONYMS

heat shock protein 90kDa alpha (cytosolic); class A member 1; Bovine Heat shock protein HSP 90-alpha; HSP90AA1 ELISA Kit; Bovine Heat shock protein HSP 90-alpha (HSP90AA1) ELISA kit; FLJ31884; HSP86; HSP89A; HSP90A; HSP90N; HSPC1; HSPCA; HSPCAL1; HSPCAL4; HSPN; Hsp89; Hsp90; LAP2; heat shock 90kD protein 1; alpha; alpha-like 4; heat shock 90kD protein; a; HSP90AA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine HSP90AA1. No significant cross-reactivity or interference between bovine HSP90AA1 and analogues was observed.
Sequence Length	733
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	6.25 ng/ml -400 ng/ml.
Sensitivity	The minimum detectable dose of bovine HSP90AA1 is typically less than 1.56 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSP90AA1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HSP90AA1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HSP90AA1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HSP90AA1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HSP90AA1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	60592792
NCBI GeneID	281832
NCBI Accession #	NP_001012688.1
NCBI GenBank Nucleotide #	NM_001012670.2
UniProt Accession #	Q76LV2
Molecular Weight	84,731 Da
NCBI Official Full Name	heat shock protein HSP 90-alpha
NCBI Official Synonym Full Names	heat shock protein 90kDa alpha (cytosolic), class A member 1
NCBI Official Symbol	HSP90AA1
NCBI Official Synonym Symbols	HSPCA
NCBI Protein Information	heat shock protein HSP 90-alpha; heat shock 90kD protein 1, alpha
UniProt Protein Name	Heat shock protein HSP 90-alpha
UniProt Gene Name	HSP90AA1
UniProt Synonym Gene Names	HSP90A; HSPCA
UniProt Entry Name	HS90A_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/hsp90aa1-bovine-ovine-elisa-kits/heat-shock-protein-90kda-alpha-cytosolic-class-a-member-1/112303>