

Bovine Heat Shock Protein 90kDa Alpha A1 (HSP90aA1) ELISA Kit | HSP90aA1 elisa kit

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CATALOG #
AAA65955

REACTIVITY
Bovine

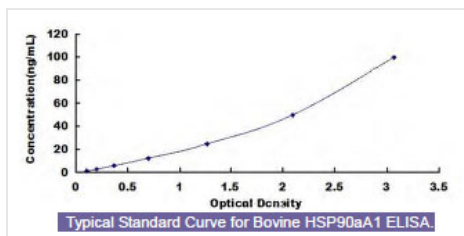
PRODUCT SYNONYMS

Heat Shock Protein 90kDa Alpha A1 (HSP90aA1); Bovine Heat Shock Protein 90kDa Alpha A1 (HSP90aA1) ELISA Kit; HSP86; HSP90A; HSP90N; HSPC1; HSPCA; HSPCAL1; HSPCAL4; HSPN; Hsp89; Hsp90; LAP2; Lipopolysaccharide-associated protein 2; Renal carcinoma antigen NY-REN-38; HSP90aA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of HSP90aA1. No significant cross-reactivity or interference between HSP90aA1 and analogues was observed.
Sequence Length	733
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.56ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HSP90aA1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HSP90aA1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSP90aA1 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HSP90aA1 in bovine serum, plasma, tissue homogenates, cell lysates, 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 HSP90aA1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSP90aA1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HSP90aA1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of HSP90aA1 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 #	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 Symbol	HSP90AA1
NCBI Official Synonym Symbols	HSPCA
NCBI Protein Information	heat shock protein HSP 90-alpha
UniProt Protein Name	Heat shock protein HSP 90-alpha
UniProt Gene Name	HSP90AA1
UniProt Synonym Gene Names	HSP90A; HSPCA

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/bovine-ovine-elisa-kits/heat-shock-protein-90kda-alpha-a1-hsp90aa1/65955>