

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

Chicken Heat Shock Protein 90, HSP-90 ELISA Kit

CATALOG #
AAA80633

REACTIVITY
Chicken

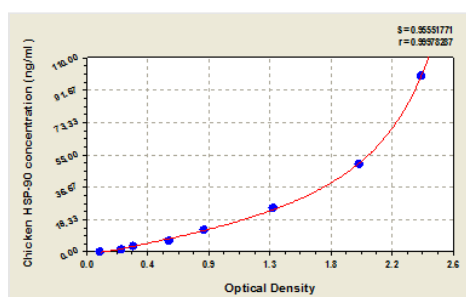
PRODUCT SYNONYMS

heat shock protein 90kDa alpha (cytosolic); class A member 1; Chicken Heat Shock Protein 90; HSP-90 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	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of Chicken HSP90AA1. No significant cross-reactivity or interference between Chicken HSP90AA1 and analogues was observed.
Sequence Length	728
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Neurobiology
Protein Biological Process 3	Stress response
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 HSP-90 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HSP-90 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HSP-90 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 HSP-90 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 #	157954047
NCBI GeneID	423463
NCBI Accession #	NP_001103255.1
NCBI GenBank Nucleotide #	NM_001109785.1
UniProt Accession #	P11501
Molecular Weight	84,059 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 Protein Information	heat shock protein HSP 90-alpha; hypothetical protein; heat shock protein HSP90 alpha
UniProt Protein Name	Heat shock protein HSP 90-alpha
UniProt Gene Name	HSP90AA1
UniProt Synonym Gene Names	HSPCA
UniProt Entry Name	HS90A_CHICK

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-chicken-elisa-kits/heat-shock-protein-90kda-alpha-cytosolic-class-a-member-1/80633>