

Chicken HSP90AA1 (Heat shock protein HSP 90-alpha) ELISA Kit | HSP90AA1 elisa kit

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CATALOG #
AAA250765

REACTIVITY
Chicken

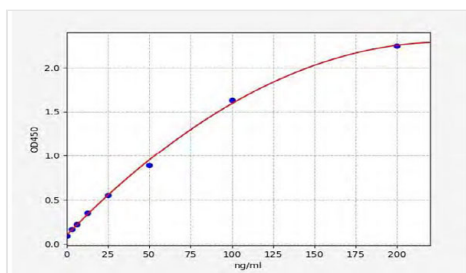
PRODUCT SYNONYMS

HSP90AA1 (Heat shock protein HSP 90-alpha); Chicken HSP90AA1 (Heat shock protein HSP 90-alpha) ELISA Kit; Heat shock protein HSP 90-alpha; HSP90AA1; HSP90AA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	Specifically recognize HSP90AA1, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSP90AA1 elisa kit	Background: Heat shock protein 90alpha (Hsp90alpha), encoded by the HSP90AA1 gene, is the stress inducible isoform of the molecular chaperone Hsp90. HSP90AA1 promotes autophagy through PI3K/Akt/mTOR pathway and inhibits apoptosis through JNK/P38 pathway. Diseases associated with HSP90AA1 include Hepatocellular Carcinoma and Candidiasis. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti HSP90AA1 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti HSP90AA1 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with HSP90AA1 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of HSP90AA1 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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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.