Chicken Heat Shock 70kDa Protein 5 (HSPA5) ELISA Kit | HSPA5 elisa kit

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CATALOG #	REACTIVITY
AAA43541	**Chicken**

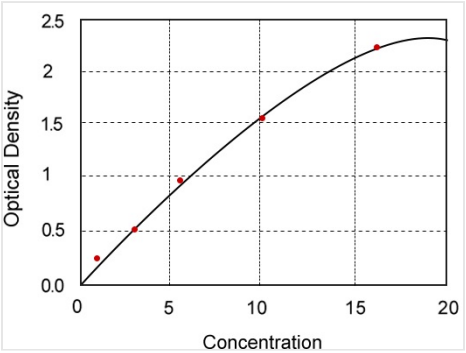
PRODUCT SYNONYMS

Heat Shock 70kDa Protein 5 (HSPA5); Chicken Heat Shock 70kDa Protein 5 (HSPA5) ELISA Kit; HSPA5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Sequence Length	655
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 6000ng/L
Sensitivity	10.15ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPA5 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Chicken Heat Shock 70kDa Protein 5 (also known as HSPA5) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Chicken HSPA5 antibody. HSPA5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Chicken HSPA5 Antibody is added and binds to HSPA5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HSPA5 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Chicken HSPA5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	86577744
NCBI GeneID	3309
UniProt Accession #	P11021; Q2EF78; Q9NPF1; Q9UK02; B0QZ61
Molecular Weight	72,333 Da
NCBI Official Full Name	HSPA5 protein
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 5
NCBI Official Symbol	HSPA5
NCBI Official Synonym Symbols	BIP; MIF2; GRP78; HEL-S-89n
NCBI Protein Information	endoplasmic reticulum chaperone BiP
UniProt Protein Name	Endoplasmic reticulum chaperone BiP
UniProt Gene Name	**HSPA5**
UniProt Synonym Gene Names	GRP781 PublicationManual assertion based on opinion iniRef.1; GRP-781 PublicationManual assertion based on opinion iniRef.1; BiP1 PublicationManual assertion based on opinion iniRef.4; HSP70 family protein 5Curated

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/chicken-elisa-kits/heat-shock-70kda-protein-5-hspa5/43541