

Human heat shock protein 90kDa alpha (cytosolic) , class B member 1 ELISA Kit | HSP90AB1 elisa kit

Human Heat shock protein HSP 90-beta, HSP90AB1 ELISA Kit

CATALOG #
AAA112434

REACTIVITY
Human

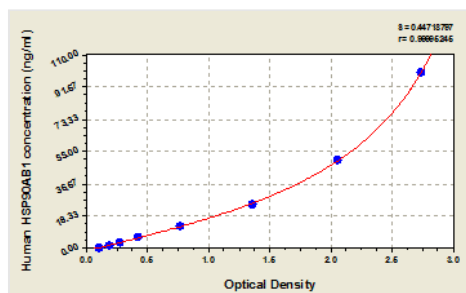
PRODUCT SYNONYMS

heat shock protein 90kDa alpha (cytosolic); class B member 1; Human Heat shock protein HSP 90-beta; HSP90AB1 ELISA Kit; Human Heat shock protein HSP 90-beta (HSP90AB1) ELISA kit; RP1-302G2.1; D6S182; FLJ26984; HSP90-BETA; HSP90B; HSPC2; HSPCB; OTTHUMP00000016518; OTTHUMP00000016519; heat shock 90kD protein 1; beta; heat shock 90kDa protein 1; heat shock protein beta; HSP90AB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HSP90AB1. No significant cross-reactivity or interference between human HSP90AB1 and analogues was observed.
Sequence Length	724
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	1.56 ng/ml -100 ng/ml.
Sensitivity	The minimum detectable dose of human HSP90AB1 is typically less than 0.39 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 HSP90AB1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HSP90AB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HSP90AB1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HSP90AB1 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 HSP90AB1 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 #	431822401
NCBI GeneID	3326
NCBI Accession #	NP_001258898.1
NCBI GenBank Nucleotide #	NM_001271969.1
UniProt Accession #	P08238; Q5T9W7; Q9NQW0; Q9NTK6; B2R5P0
Molecular Weight	83,264 Da
NCBI Official Full Name	heat shock protein HSP 90-beta isoform a
NCBI Official Synonym Full Names	heat shock protein 90kDa alpha (cytosolic), class B member 1
NCBI Official Symbol	HSP90AB1
NCBI Official Synonym Symbols	HSP84; HSPC2; HSPCB; D6S182; HSP90B
NCBI Protein Information	heat shock protein HSP 90-beta; HSP90-beta; heat shock 84 kDa; heat shock 90kD protein 1, beta
UniProt Protein Name	Heat shock protein HSP 90-beta
UniProt Gene Name	HSP90AB1
UniProt Synonym Gene Names	HSP90B; HSPC2; HSPCB; HSP 90; HSP 84; HSP84
UniProt Entry Name	HS90B_HUMAN

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/hsp90ab1-human-elisa-kits/heat-shock-protein-90kda-alpha-cytosolic-class-b-member-1/112434>