

Human HSPbeta6/HSP-20 ELISA Kit | HSPbeta6/HSP-20 elisa kit

Human HSPbeta6/HSP-20 (Heat Shock Protein Beta 6) ELISA Kit

CATALOG #
AAA164826

REACTIVITY
Human

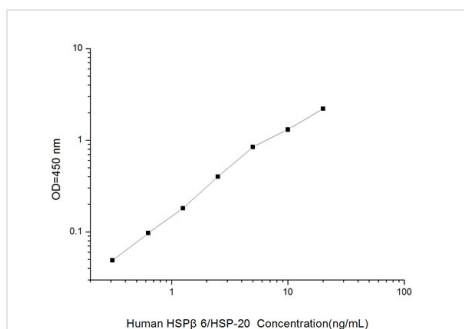
PRODUCT SYNONYMS

HSPbeta6/HSP-20; Human HSPbeta6/HSP-20 (Heat Shock Protein Beta 6) ELISA Kit; HSPbeta6/HSP-20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human HSPbeta6/HSP-20. No significant cross-reactivity or interference between Human HSPbeta6/HSP-20 and analogues was observed.
Sequence Length	124
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPbeta6/HSP-20 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human HSPbeta6/HSP-20 concentrations in serum, plasma and other biological fluids. Principle of the Assay This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to HSPbeta6/HSP-20. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for HSPbeta6/HSP-20 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain HSPbeta6/HSP-20, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of HSPbeta6/HSP-20. You can calculate the concentration of HSPbeta6/HSP-20 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15899330
NCBI GeneID	1454052
NCBI Accession #	NP_343935.1
NCBI GenBank Nucleotide #	NC_002754.1
NCBI Official Full Name	hsp 20 family small heat shock protein
NCBI Official Symbol	SSO2603
NCBI Protein Information	hsp 20 family small heat shock protein

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/human-elisa-kits/hspbeta6-hsp-20/164826>