

Human HSPB1 ELISA Kit | HSPB1 elisa kit

Human HSPB1 ELISA Kit

CATALOG #
AAA258356

REACTIVITY
Human

PRODUCT SYNONYMS

HSPB1; Human HSPB1 ELISA Kit; Hsp27/HSPB1 ELISA Kit; Human; heat shock 27kDa protein 1; CMT2F ELISA Kit; HEL-S-102 ELISA Kit; HMN2B ELISA Kit; HS.76067 ELISA Kit; Hsp25 ELISA Kit; HSP27 ELISA Kit; HSP28 ELISA Kit; SRP27 ELISA Kit; HSPB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	For the quantitative determination of Human HSPB1 concentration in serum.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum
Detection Range	9.38-600pg/mL
Sensitivity	5.8pg/mL
Conjugation	HRP
Interference	Preparations of EGED, FTH1, HG3C-MAPKAPK5, HG3C-MAPKAPK3, FC-sMME, TPT1, XRCC5+XRCC6 and CALR-FC at 6ng/mL in a mid-range recombinant human HSP27 control were assayed for interference. No significant interference was observed.
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

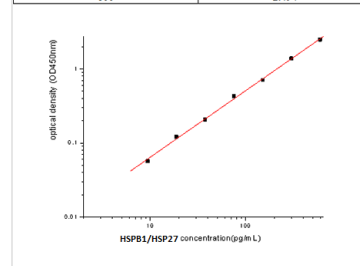
IMAGES

Recombinant human			
IL-1	IL-2	IL-33	IL-10
IL-8	TNF- α	IL-4	IL-6
IFN- γ	MIP-1 β	TIMP-1	TIMP-2
GM-CSF	SCF	PDGF	VEGF
HSP12A	HSP70	GST-HSP60	HSP90
EGED	FTH1	HG3C-MAPKAPK5	HG3C-MAPKAPK3
FC-sMME	TPT1	XRCC5+XRCC6	CALR-FC

Application Data

This assay recognizes both recombinant and natural Human HSP27. The factors listed above were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed. Preparations of EGED, FTH1, HG3C-MAPKAPK5, HG3C-MAPKAPK3, FC-sMME, TPT1, XRCC5+XRCC6 and CALR-FC at 6ng/mL in a mid-range recombinant human HSP27 control were assayed for interference. No significant interference was observed.

Concentration (pg/mL)	Zero standard subtracted OD
0	0
9.38	0.057
18.75	0.121
37.5	0.207
75	0.426
150	0.709
300	1.384
600	2.494



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for HSPB1 elisa kit	This Hsp27/HSPB1 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human Hsp27/HSPB1 protein in Serum. It contains recombinant Human Hsp27/HSPB1, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use.
---	--

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/hspb1/258356>