

Human Heat Shock 10kDa Protein 1 (HSP10) RTU ELISA Kit | HSP10 rtu elisa kit

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CATALOG #
AAA71232

REACTIVITY
Human

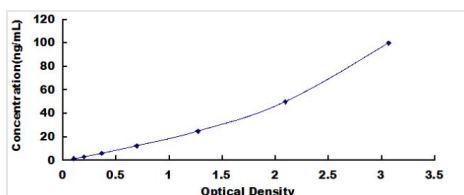
PRODUCT SYNONYMS

Heat Shock 10kDa Protein 1 (HSP10); Human Heat Shock 10kDa Protein 1 (HSP10) ELISA Kit; HSPE1; CPN10; EPF; GROES; Chaperonin 10; Early Pregnancy Factor; 10 kDa heat shock protein; mitochondrial; HSP10 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	102
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	1.56-100ng/mL
Sensitivity	0.62ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSP10 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSP10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSP10. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HSP10, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of HSP10 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504523
NCBI GeneID	3336
NCBI Accession #	NP_002148.1
NCBI GenBank Nucleotide #	NM_002157.2
UniProt Accession #	P61604; O95421; Q04984; Q53X54; Q9UDH0
Molecular Weight	10,932 Da
NCBI Official Full Name	10 kDa heat shock protein, mitochondrial
NCBI Official Synonym Full Names	heat shock protein family E (Hsp10) member 1
NCBI Official Symbol	HSPE1
NCBI Official Synonym Symbols	EPF; CPN10; GROES; HSP10
NCBI Protein Information	10 kDa heat shock protein, mitochondrial
UniProt Protein Name	10 kDa heat shock protein, mitochondrial
UniProt Gene Name	HSPE1
UniProt Synonym Gene Names	Hsp10; CPN10; EPF

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-rtu-elisa-kits/heat-shock-10kda-protein-1-hsp10/71232>