

Human Heat Shock Protein 47 (HSP47) RTU ELISA Kit | HSP47 rtu elisa kit

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CATALOG #
AAA71236

REACTIVITY
Human

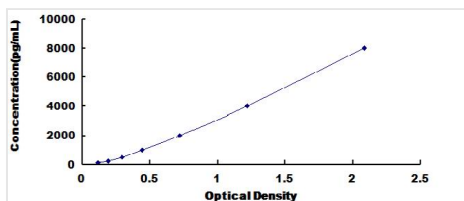
PRODUCT SYNONYMS

Heat Shock Protein 47 (HSP47); Human Heat Shock Protein 47 (HSP47) ELISA Kit; CBP2; AsTP3; CBP1; PIG14; RA-A47; SERPINH1; SERPINH2; Colligen; Gp46; Serpin Peptidase Inhibitor Clade H Member 1; Heat Shock Protein 47; Collagen Binding Protein 2; HSP47 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	418
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	125-8000pg/mL
Sensitivity	45.3pg/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 HSP47 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSP47. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSP47. 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 HSP47, 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 HSP47 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	333360851
NCBI GeneID	871
NCBI Accession #	NP_001193943.1
NCBI GenBank Nucleotide #	NM_001207014.1
UniProt Accession #	P50454; P29043; Q5XPB4; Q6NSJ6; Q8IY96; Q9NP88; B3KVV3
Molecular Weight	46,441 Da
NCBI Official Full Name	serpin H1
NCBI Official Synonym Full Names	serpin family H member 1
NCBI Official Symbol	SERPINH1
NCBI Official Synonym Symbols	CBP1; CBP2; OI10; gp46; AsTP3; HSP47; PIG14; PPR0M; RA-A47; SERPINH2
NCBI Protein Information	serpin H1
UniProt Protein Name	Serpin H1
UniProt Gene Name	SERPINH1
UniProt Synonym Gene Names	CBP1; CBP2; HSP47; SERPINH2; AsTP3; Colligin

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-rtu-elisa-kits/heat-shock-protein-47-hsp47/71236>