

Rat Heat Shock Protein, HSP47 ELISA Kit | HSP47 elisa kit

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CATALOG #
AAA43066

REACTIVITY
Rat

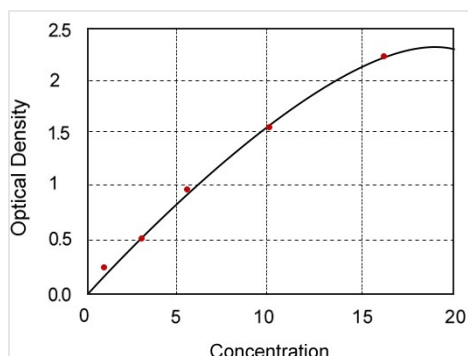
PRODUCT SYNONYMS

Heat Shock Protein; HSP47; Rat Heat Shock Protein; HSP47 ELISA Kit; HSP47 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	419
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	3ng/L - 900ng/L
Sensitivity	1.43ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSP47 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Prostacycline (also known as PGI2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat PGI2 antibody. PGI2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat PGI2 Antibody is added and binds to PGI2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PGI2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat PGI2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147900279
NCBI GeneID	379951
NCBI Accession #	NP_001080259.1
NCBI GenBank Nucleotide #	NM_001086790.1
NCBI Official Full Name	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1) S homeolog
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1) S homeolog
NCBI Official Symbol	serpinh1.S
NCBI Official Synonym Symbols	cbp1; cbp2; gp46; astp3; hsp47; pig14; pprom; ra-a47; serpinh2
NCBI Protein Information	heat shock protein 47; serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1) S homeolog

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/rat-elisa-kits/heat-shock-protein-hsp47/43066>