

## Fish Heat Shock Protein 60 (HSP-60) ELISA Kit | HSP-60 elisa kit

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CATALOG #  
**AAA121856**

REACTIVITY  
**Fish**

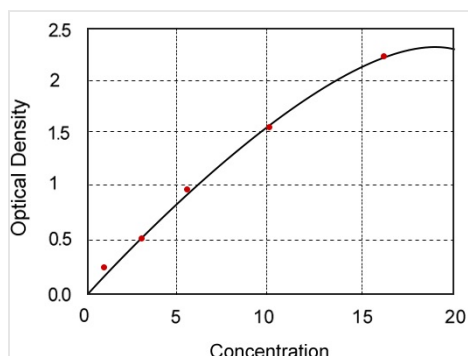
### PRODUCT SYNONYMS

Heat Shock Protein 60 (HSP-60); Fish Heat Shock Protein 60 (HSP-60) ELISA Kit; HSP-60 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Fish                                                                     |
| Sequence Length         | 577                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.2ng/ml - 60ng/ml                                                       |
| Sensitivity             | 0.09ng/ml                                                                |
| 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 HSP-60 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Fish Heat Shock Protein 60 (also known as HSP-60) 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 Fish HSP-60 antibody. HSP-60 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Fish HSP-60 Antibody is added and binds to HSP-60 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HSP-60 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 Fish HSP-60. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                               |                                                           |
|-------------------------------|-----------------------------------------------------------|
| NCBI GI #                     | 15229559                                                  |
| NCBI GeneID                   | 821983                                                    |
| NCBI Accession #              | NP_189041.1                                               |
| NCBI GenBank Nucleotide #     | NM_113304.5                                               |
| UniProt Accession #           | P29197; Q9LIQ8                                            |
| Molecular Weight              | 61,281 Da                                                 |
| NCBI Official Full Name       | heat shock protein 60                                     |
| NCBI Official Symbol          | HSP60                                                     |
| NCBI Official Synonym Symbols | heat shock protein 60; HEAT SHOCK PROTEIN 60-3B; HSP60-3B |
| NCBI Protein Information      | heat shock protein 60                                     |
| UniProt Protein Name          | Chaperonin CPN60, mitochondrial                           |
| UniProt Gene Name             | CPN60                                                     |

**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/fish-elisa-kits/heat-shock-protein-60-hsp-60/121856>