

## Human HSP90B1 (Endoplasmin) ELISA Kit | HSP90B1 elisa kit

Human HSP90B1 (Endoplasmin) ELISA Kit

CATALOG #  
**AAA251076**

REACTIVITY  
**Human**

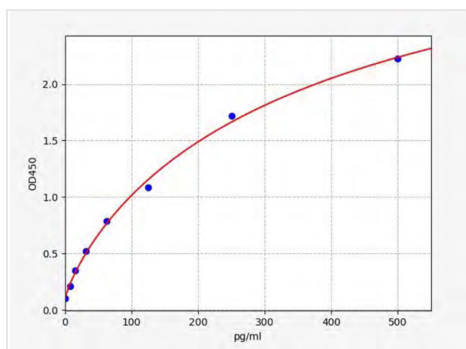
### PRODUCT SYNONYMS

HSP90B1 (Endoplasmin); Human HSP90B1 (Endoplasmin) ELISA Kit; HSP90B1; gp96; ECGP; Endoplasmin; Grp94; 94 kDa glucose-regulated protein; endothelial cell(HBMEC) glycoprotein; glucose regulated protein; 94 kDa; GP96ECGP; GRP-94; GRP94gp96 homolog; Heat shock protein 90 kDa beta member 1; heat shock protein 90kDa beta(Grp94); member 1; HSP90B1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                        |
| Specificity             | Specifically recognize HSP90B1, no obvious cross reaction with other analogues                                                                               |
| Assay Type              | Sandwich                                                                                                                                                     |
| Samples                 | Serum, plasma, cell culture supernatant and other biological samples                                                                                         |
| Detection Range         | 7.813-500pg/ml                                                                                                                                               |
| Sensitivity             | 4.688pg/ml                                                                                                                                                   |
| Intra-assay Precision   | Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.                                                    |
| Inter-assay Precision   | Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.                                        |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for HSP90B1 elisa kit | Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti HSP90B1 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti HSP90B1 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with HSP90B1 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of HSP90B1 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value. |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4507677                                                                                                                                                                                                                                   |
| NCBI GeneID                      | 7184                                                                                                                                                                                                                                      |
| NCBI Accession #                 | NP_003290.1                                                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_003299.2                                                                                                                                                                                                                               |
| UniProt Accession #              | P14625; Q96A97                                                                                                                                                                                                                            |
| Molecular Weight                 | 92,469 Da                                                                                                                                                                                                                                 |
| NCBI Official Full Name          | endoplasmin                                                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | heat shock protein 90kDa beta (Grp94), member 1                                                                                                                                                                                           |
| NCBI Official Symbol             | HSP90B1                                                                                                                                                                                                                                   |
| NCBI Official Synonym Symbols    | ECGP; GP96; TRA1; GRP94                                                                                                                                                                                                                   |
| NCBI Protein Information         | endoplasmin; tumor rejection antigen 1; 94 kDa glucose-regulated protein; tumor rejection antigen (gp96) 1; endothelial cell (HBMEC) glycoprotein; heat shock protein 90 kDa beta member 1; stress-inducible tumor rejection antigen gp96 |
| UniProt Protein Name             | Endoplasmin                                                                                                                                                                                                                               |
| UniProt Gene Name                | HSP90B1                                                                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | GRP94; TRA1; GRP-94                                                                                                                                                                                                                       |
| UniProt Entry Name               | ENPL_HUMAN                                                                                                                                                                                                                                |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/hsp90b1-endoplasmin/251076>