

## Human haptoglobin ELISA Kit | HP elisa kit

Human Haptoglobin, Hpt/HP ELISA Kit

CATALOG #  
**AAA80117**

REACTIVITY  
**Human**

### PRODUCT SYNONYMS

haptoglobin; Human Haptoglobin; Hpt/HP ELISA Kit; Hpt/HP ELISA KIT; BP; HP2-ALPHA-2; HPA1S; MGC111141; binding peptide; haptoglobin alpha (1S) -beta; haptoglobin alpha (2FS) -beta; alpha polypeptide; beta polypeptide; Hpt/HP; HP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human Hpt. No significant cross-reactivity or interference between human Hpt and analogues was observed. |
| Sequence Length         | 347                                                                                                                                                                                 |
| Assay Type              | Quantitative Sandwich                                                                                                                                                               |
| Samples                 | Serum, plasma, urine                                                                                                                                                                |
| Detection Range         | 1.563 ng/ml-100 ng/ml                                                                                                                                                               |
| Sensitivity             | < 1.044 ng/ml                                                                                                                                                                       |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                    |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                             |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                   |

### ADDITIONAL INFORMATION

#### Related Product Information for HP elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Hpt has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Hpt present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for Hpt is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Hpt bound in the initial step. The color development is stopped and the intensity of the color is measured.

### NCBI AND UNIPROT INFORMATION

|                           |                                                                                                                                                                                                                                |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                 | <a href="#">186910296</a>                                                                                                                                                                                                      |
| NCBI GeneID               | <a href="#">3240</a>                                                                                                                                                                                                           |
| NCBI Accession #          | <a href="#">NP_001119574.1</a>                                                                                                                                                                                                 |
| NCBI GenBank Nucleotide # | <a href="#">NM_001126102.1</a>                                                                                                                                                                                                 |
| UniProt Accession #       | <a href="#">P00738</a> ; <a href="#">P00737</a> ; <a href="#">Q0VAC4</a> ; <a href="#">Q0VAC5</a> ; <a href="#">Q2PP15</a> ; <a href="#">Q3B7J0</a> ; <a href="#">Q6LBY9</a> ; <a href="#">Q9UC67</a> ; <a href="#">B0AZL5</a> |
| Molecular Weight          | 45,205 Da                                                                                                                                                                                                                      |

|                                  |                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Full Name          | haptoglobin isoform 2 preproprotein                                                                                                                           |
| NCBI Official Synonym Full Names | haptoglobin                                                                                                                                                   |
| NCBI Official Symbol             | HP                                                                                                                                                            |
| NCBI Official Synonym Symbols    | BP; HPA1S; HP2ALPHA2                                                                                                                                          |
| NCBI Protein Information         | haptoglobin; zonulin; binding peptide; haptoglobin alpha(1S)-beta; haptoglobin alpha(2FS)-beta; haptoglobin, beta polypeptide; haptoglobin, alpha polypeptide |
| UniProt Protein Name             | Haptoglobin                                                                                                                                                   |
| UniProt Gene Name                | <b>HP</b>                                                                                                                                                     |
| UniProt Entry Name               | HPT_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.

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Online datasheet: <https://www.aaabiotech.com/hp-human-elisa-kits/haptoglobin/80117>