

## Human Alpha-Hemoglobin Stabilizing Protein (aHSP) ELISA Kit | aHSP elisa kit

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CATALOG #  
**AAA41999**

REACTIVITY  
**Human**

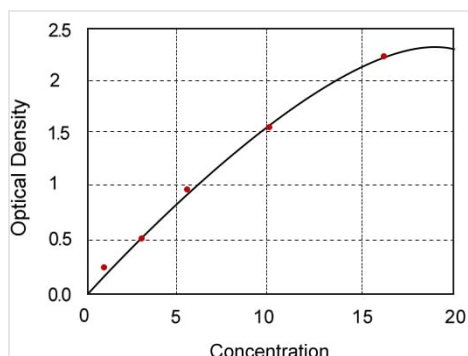
### PRODUCT SYNONYMS

Alpha-Hemoglobin Stabilizing Protein (aHSP); Human Alpha-Hemoglobin Stabilizing Protein (aHSP) ELISA Kit; aHSP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 102                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.5ng/ml - 200ng/ml                                                      |
| Sensitivity             | 0.22g/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 aHSP elisa kit

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

NCBI AND UNIPROT INFORMATION

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI GI #                        | 7706180                              |
| NCBI GeneID                      | 51327                                |
| NCBI Accession #                 | NP_057717.1                          |
| NCBI GenBank Nucleotide #        | NM_016633.3                          |
| UniProt Accession #              | Q9NZD4; Q8TD01                       |
| Molecular Weight                 | 11,840 Da                            |
| NCBI Official Full Name          | alpha-hemoglobin-stabilizing protein |
| NCBI Official Synonym Full Names | alpha hemoglobin stabilizing protein |
| NCBI Official Symbol             | AHSP                                 |
| NCBI Official Synonym Symbols    | EDRF; ERAF                           |
| NCBI Protein Information         | alpha-hemoglobin-stabilizing protein |
| UniProt Protein Name             | Alpha-hemoglobin-stabilizing protein |
| UniProt Gene Name                | AHSP                                 |
| UniProt Synonym Gene Names       | EDRF; ERAF                           |

**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/human-elisa-kits/alpha-hemoglobin-stabilizing-protein-ahsp/41999>