

## Human Thrombospondin 4 (TSP-4) ELISA Kit | TSP-4 elisa kit

Human Thrombospondin 4 (TSP-4) ELISA Kit

CATALOG #  
**AAA43088**

REACTIVITY  
**Human**

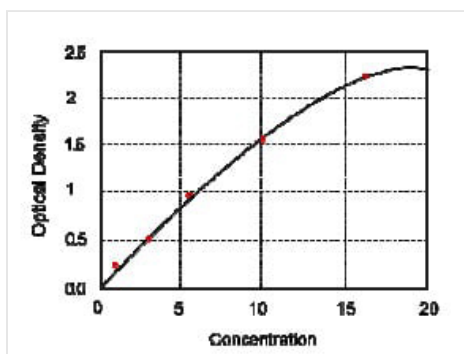
### PRODUCT SYNONYMS

Thrombospondin 4 (TSP-4); Human Thrombospondin 4 (TSP-4) ELISA Kit; TSP-4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 961                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 0.5ng/ml - 100ng/ml                                                                                                                                                                              |
| Sensitivity             | 0.28ng/ml                                                                                                                                                                                        |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 TSP-4 elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of human Thrombospondin 4 (also known as TSP-4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.</p> <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human TSP-4 antibody. TSP-4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human TSP-4 Antibody is added and binds to TSP-4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TSP-4 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 TSP-4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                  |
|----------------------------------|------------------|
| NCBI GI #                        | 77736401         |
| NCBI GeneID                      | 541281           |
| NCBI Accession #                 | NP_001029900.1   |
| NCBI GenBank Nucleotide #        | NM_001034728.1   |
| UniProt Accession #              | Q3SWW8           |
| Molecular Weight                 | 105,974 Da       |
| NCBI Official Full Name          | thrombospondin-4 |
| NCBI Official Synonym Full Names | thrombospondin 4 |
| NCBI Official Symbol             | THBS4            |
| NCBI Official Synonym Symbols    | TSP-4            |
| NCBI Protein Information         | thrombospondin-4 |
| UniProt Protein Name             | Thrombospondin-4 |
| UniProt Gene Name                | THBS4            |

**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/human-elisa-kits/thrombospondin-4-tsp-4/43088>