

## Human dermato-pontin, DPT ELISA Kit | DPT elisa kit

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CATALOG #  
**AAA42902**

REACTIVITY  
**Human**

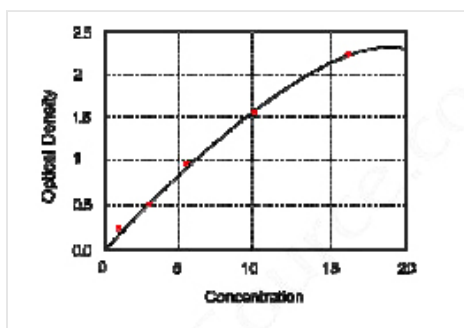
### PRODUCT SYNONYMS

dermato-pontin; DPT; Human dermato-pontin; DPT ELISA Kit; DPT elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 201                                                                                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 0.05ug/ml-7ug/ml                                                                                                                                                                                 |
| Sensitivity             | 0.02ug/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 DPT elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Dermatan Sulfate (also known as DS) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principle of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human DS antibody. DS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human DS Antibody is added and binds to DS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DS 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 DS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 32307172                       |
| NCBI GeneID                      | 1805                           |
| NCBI Accession #                 | NP_001928.2                    |
| NCBI GenBank Nucleotide #        | NM_001937.4                    |
| UniProt Accession #              | Q07507; Q8N4R2; Q9UIX8; A8K981 |
| Molecular Weight                 | 24,005 Da                      |
| NCBI Official Full Name          | dermatopontin                  |
| NCBI Official Synonym Full Names | dermatopontin                  |
| NCBI Official Symbol             | DPT                            |
| NCBI Official Synonym Symbols    | TRAMP                          |
| NCBI Protein Information         | dermatopontin                  |
| UniProt Protein Name             | Dermatopontin                  |
| UniProt Gene Name                | <b>DPT</b>                     |
| UniProt Synonym Gene Names       | TRAMP                          |

**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/dermato-pontin-dpt/42902>