

## Human Thrombospondin-2 ELISA Kit (2 plates)

**Catalogue No.:** BEK-2160-2P

**Description:** The human Thrombospondin-2 (TSP2) Kit is a sandwich ELISA. The capture antibody is a polyclonal human TSP2 antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known TSP2 concentration are added to these wells and allowed to complex with the bound TSP2 antibody. A biotinylated human TSP2 polyclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of TSP2 present in the samples. The purpose of this kit is the in-vitro quantitative determination of human TSP2 in samples such as sera, plasma, tissue lysates and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

**Batch No.:** See product labels

**Other Names:** THBS2; TSP2;

**Accession:** P35442 TSP2\_HUMAN;

**Specificity:** Human Thrombospondin-2

**Storage:** Store at 4°C

**Kit components:** The ELISA kit box contains 1 x 96-well pre-coated strip plate, protein standards, detection reagents, substrate buffer and detailed protocols.

**Range:** 156 pg/ml - 10,000 pg/ml

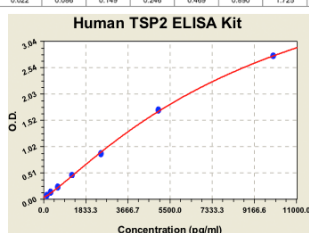
**Sensitivity:** < 5 pg/ml

**Kit protocol:** Please refer to our online product listing for current protocol/MSDS versions.

### Typical Human TSP2 ELISA Kit Standard Curve

(TMB reaction incubate at 37°C for 16 min)

Concentration	0.0pg/ml	156pg/ml	313pg/ml	625pg/ml	1250pg/ml	2500pg/ml	5000pg/ml	10,000pg/ml
O.D.	0.022	0.086	0.149	0.246	0.409	0.890	1.725	2.769



This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.

FOR RESEARCH USE ONLY