

Datasheet for ABIN6720120  
**Thrombospondin 2 ELISA Kit**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	1 kit
Target:	Thrombospondin 2 (THBS2)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 pg/mL
Application:	ELISA

## Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Characteristics:	<p>Synonyms: THBS2, Thrombospondin-2, TSP2_HUMAN</p> <p>Background: Thrombospondin-2(TSP-2) is a protein that in humans is encoded by the THBS2 gene. And this gene is mapped to 6q27. The protein encoded by this gene belongs to the thrombospondin family. It is a disulfide-linked homotrimeric glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein has been shown to function as a potent inhibitor of tumor growth and angiogenesis. Studies of the mouse counterpart suggest that this protein may modulate the cell surface properties of mesenchymal cells and be involved in cell adhesion and migration. TSP-2 has been shown to interact with MMP2.</p>
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## Product Details

Gene Name: THBS2

Production: Natural and recombinant human TSP2. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: G19-I1172

## Target Details

Target: Thrombospondin 2 (THBS2)

Alternative Name: TSP2 ([THBS2 Products](#))

Gene ID: 7058

NCBI Accession: [NP\\_003238](#)

UniProt: [P35442](#)

## Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 10000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL human TSP2 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum, plasma( heparin, EDTA) or human milk to each empty well. It is recommended that each human TSP2 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 156pg/mL-10000pg/mL

Sample Volume: 100 µL

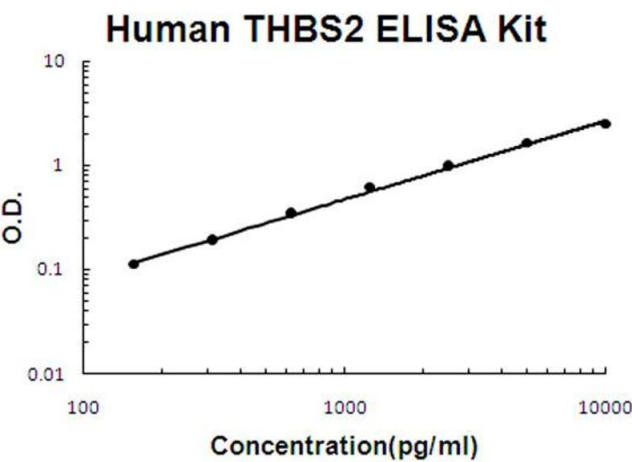
Plate: Pre-coated

Restrictions: For Research Use only

## Handling

Storage: RT, 4 °C, -20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.



**ELISA**

**Image 1.** Human TSP2 Accusignal ELISA Kit Human TSP2  
AccuSignal ELISA Kit standard curve. Assay  
Range: 156pg/ml-10000pg/ml. Sensitivity: <10pg/ml.