# antibodies -online.com







# **THBS4 ELISA Kit**





Overview	
Quantity:	96 tests
Target:	THBS4
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.1-25 ng/mL
Minimum Detection Limit:	0.1 ng/mL
Application:	ELISA
Product Details	
Purpose:	Human Thrombospondin-4 ELISA Kit for Cell Culture Supernatants, Plasma, and Serum

Product Details	
Purpose:	Human Thrombospondin-4 ELISA Kit for Cell Culture Supernatants, Plasma, and Serum samples.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair recognizes Human Thrombospondin-4. Other species not yet determined.
Characteristics:	<ul> <li>Strip plates and additional reagents allow for use in multiple experiments</li> <li>Quantitative protein detection</li> <li>Establishes normal range</li> <li>The best products for confirmation of antibody array data</li> </ul>

#### **Product Details**

#### Components:

- · Pre-Coated 96-well Strip Microplate
- Wash Buffer
- · Stop Solution
- Assay Diluent(s)
- · Lyophilized Standard
- · Biotinylated Detection Antibody
- · Streptavidin-Conjugated HRP
- TMB One-Step Substrate

#### Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 μL to 1 μL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- · Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

## **Target Details**

Target:	THBS4
Alternative Name:	Thrombospondin-4 (THBS4 Products)
Gene ID:	7060
UniProt:	P35443

Application Details	
Application Notes:	Recommended Dilution for serum and plasma samples100 fold
Sample Volume:	100 μL
Plate:	Pre-coated
Protocol:	<ol> <li>Prepare all reagents, samples and standards as instructed in the manual.</li> <li>Add 100 μL of standard or sample to each well.</li> <li>Incubate 2.5 h at RT or O/N at 4 °C.</li> <li>Add 100 μL of prepared biotin antibody to each well.</li> <li>Incubate 1 h at RT.</li> <li>Add 100 μL of prepared Streptavidin solution to each well.</li> <li>Incubate 45 min at RT.</li> <li>Add 100 μL of TMB One-Step Substrate Reagent to each well.</li> <li>Incubate 30 min at RT.</li> </ol>

# **Application Details**

10. Add 50  $\mu L$  of Stop Solution to each well.

11. Read at 450 nm immediately.

Restrictions:

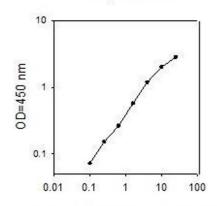
For Research Use only

# Handling

Storage:	-20 °C
Storage Comment:	The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.
Expiry Date:	6 months

## **Images**

## Assay Diluent D



Human TSP-4 concentration (ng/ml)

#### **ELISA**

Image 1.