

## Product Datasheet

# Human Thrombospondin-1 (TSP-1) ELISA Kit (orb2668001)

<b>Catalog Number</b>	orb2668001
<b>Category</b>	Assays and Kits
<b>Description</b>	Human Thrombospondin-1 (TSP-1) ELISA Kit
<b>Reactivity</b>	Human
<b>UniProt ID</b>	<b>P07996</b>
<b>Application notes</b>	<p>standard: 100 ng/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human TSP-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TSP-1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human TSP-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm <math>\pm</math> 10nm. The concentration of Human TSP-1 in the samples is then determined by comparing the OD of the samples to the standard curve</p>
<b>Assay Type</b>	Sandwich
<b>Assay Time</b>	3.5h
<b>Range</b>	1.56-100 ng/mL
<b>Sensitivity</b>	0.47 ng/mL
<b>Sample Types</b>	plasma

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**Note** For research use only

**Expiration Date** 6 months from date of receipt.

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