

Human ADAMTS-like protein 1 (ADAMTSL1) ELISA Kit

Catalog No: #EK7713

Orders: order@signalwayantibody.com

Package Size: #EK7713-1 48T #EK7713-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human ADAMTS-like protein 1 (ADAMTSL1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	RP11-220B22.2; ADAMTSR1; C9orf94; DKFZp686L03130; FLJ35283; FLJ41032; FLJ46891; MGC118803; MGC118805; MGC40193; PUNCTIN; ADAM-TS related protein 1
Accession No.	Q8N6G6
Uniprot	Q8N6G6
GeneID	92949;
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range:0.312-20 ng/mL

Sensitivity:0.078 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate ADAMTSL1 in samples. An antibody specific for ADAMTSL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyADAMTSL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAMTSL1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ADAMTSL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**ADAMTSL1 encodes a secreted protein resembling members of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) family. This protein lacks the propeptide region and the metalloproteinase and disintegrin-like domains, which are typical of the ADAMTS family, but contains other ADAMTS domains, including the thrombospondin type 1 motif. This protein may have important functions in the extracellular matrix. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.The deduced 525-amino acid protein contains an N-terminal signal peptide. The mature secreted form contains 497 amino acids and has a calculated molecular mass of about 55 kD.

Note: This product is for in vitro research use only