

Human A Disintegrin And Metalloprotease 19 (ADAM19) ELISA Kit



Catalog No: #EK12094

Orders: order@signalwayantibody.com

Package Size: #EK12094-1 48T #EK12094-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human A Disintegrin And Metalloprotease 19 (ADAM19) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	FKSG34; MADDAM; MLTNB; ADAM metalloproteinase domain 19 a disintegrin and metalloproteinase domain 19 (meltrin beta) meltrin beta
Accession No.	Q9H013
Uniprot	Q9H013
GeneID	8728;
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:0.108 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 ADAM19 in samples. An antibody specific for ADAM19 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyADAM19 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADAM19 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 ADAM19 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**ADAM19 encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis.This member is a type I transmembrane protein and serves as a marker for dendritic cell differentiation. It has also been demonstrated to be an active metalloproteinase, which may be involved in normal physiological and pathological processes such as cells migration, cell adhesion, cell-cell and cell-matrix interactions, and signal transduction. Alternative splicing results in two transcript variants.

Note: This product is for in vitro research use only