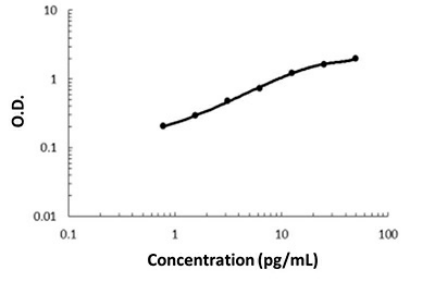
ADAMTS13 (Human) ELISA Kit

Catalog # KA5077 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	ADAMTS13 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human ADAMTS13.
Suitable Sample	Cell Culture Supernatant, Plasma (Citrate, EDTA, Heparin), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.78 to 50 ng/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — ADAMTS13

Entrez GeneID	11093
Protein Accession#	Q76LX8
Gene Name	ADAMTS13
Gene Alias	C9orf8, DKFZp434C2322, FLJ42993, MGC118899, MGC118900, TTP, VWFCP, vWF-CP
Gene Description	ADAM metallopeptidase with thrombospondin type 1 motif, 13
Omim ID	274150 604134
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombo spondin motif) protein family. Members of the family share several distinct protein modules, includ ing a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombosp ondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS mot ifs, and some have unique C-terminal domains. The enzyme encoded by this gene is the von Wille brand Factor (vWF)-cleaving protease, which is responsible for cleaving at the site of Tyr842-Met 843 of the vWF molecule. A deficiency of this enzyme is associated with thrombotic thrombocytop enic purpura. Alternative splicing of this gene generates multiple transcript variants encoding diffe rent isoforms. [provided by RefSeq
Other Designations	OTTHUMP00000022496|OTTHUMP00000022497|OTTHUMP00000022498|a disintegrin-like an d metalloprotease (reprolysin type) with thrombospondin type 1 motif, 13|vWF-cleaving protease|v on Willebrand factor-cleaving protease

Disease

- Atherosclerosis
- Brain Ischemia
- Cardiovascular Diseases
- Cerebrovascular Accident
- Chronic Disease

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- Coronary Disease
- Genetic Predisposition to Disease
- Inflammation
- Myocardial Infarction
- Obesity
- Ovarian Failure
- Peripheral Vascular Diseases
- Polycystic Ovary Syndrome
- Pregnancy Complications
- Puberty
- Purpura
- Stroke
- Thrombophilia
- Thrombosis
- Tobacco Use Disorder

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