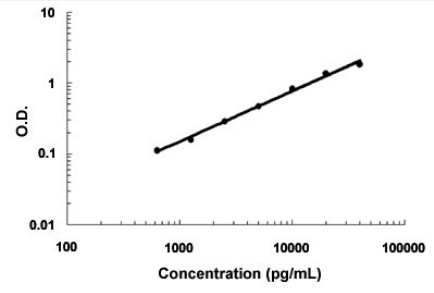
ADAMTS4 (Human) ELISA Kit

Catalog # KA4500 Size 1 Kit

Applications



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

Specification

Product Description	ADAMTS4 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human ADAMTS4.
Suitable Sample	Cell culture supernates, Cell Lysates, Plasma (heparin, EDTA), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	625 to 40,000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

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- Quantification

Gene Info — ADAMTS4

Entrez GeneID	9507
Gene Name	ADAMTS4
Gene Alias	ADAMTS-2, ADAMTS-4, ADMP-1, KIAA0688
Gene Description	ADAM metallopeptidase with thrombospondin type 1 motif, 4
Omim ID	603876
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombo spondin motifs) protein family. Members of the family share several distinct protein modules, inclu ding a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombos pondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS m otifs, and some have unique C-terminal domains. The enzyme encoded by this gene lacks a C-ter minal TS motif. It is responsible for the degradation of aggrecan, a major proteoglycan of cartilag e, and brevican, a brain-specific extracellular matrix protein. The cleavage of aggrecan and brevic an suggests key roles of this enzyme in arthritic disease and in the central nervous system, potenti ally, in the progression of glioma. [provided by RefSeq
Other Designations	OTTHUMP00000032249|a disintegrin-like and metalloprotease (reprolysin type) with thrombospo ndin type 1 motif, 4|aggrecanase-1

Disease

- Dominance
- Schizophrenia

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