



Mouse A disintegrin and metalloproteinase with thrombospondin motifs 4(ADAMTS4) ELISA kit

Product Code	CSB-EL001311MO
Abbreviation	ADAMTS4
Target Name	ADAM metalloproteinase with thrombospondin type 1 motif, 4
Uniprot No.	Q8BNJ2
Alias	ADAMTS-2, ADAMTS-4, ADMP-1, KIAA0688, a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 4 aggrecanase-1
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, tissue homogenates
Detection Range	3.12 ng/mL-200 ng/ mL
Sensitivity	0.78 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cell Biology
Gene Names	Adamts4
Tag Info	quantitative
Protein Description	Sandwich
Target Details	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The enzyme encoded by this gene lacks a C-terminal TS motif. It is responsible for the degradation of aggrecan, a major proteoglycan of cartilage, and brevican, a brain-specific extracellular matrix protein. The cleavage of aggrecan and brevican suggests key roles of this enzyme in arthritic disease and in the central nervous system, potentially, in the progression of glioma.
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