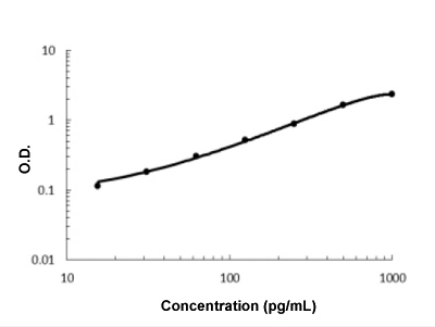
SEMA4G (Human) ELISA Kit

Catalog # KA5874 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	SEMA4G (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human SEMA4G in cell culture supernates, serum and plasma (heparin, EDTA, citrate).
Suitable Sample	Cell Culture Supernates, Plasma (Citrate, EDTA, Heparin), and Serum.
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.6 to 1000 pg/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 — SEMA4G

Entrez GeneID	57715
Protein Accession#	Q9NTN9
Gene Name	SEMA4G
Gene Alias	FLJ20590, KIAA1619, MGC102867
Gene Description	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic d omain, (semaphorin) 4G
Gene Ontology	Hyperlink
Gene Summary	Semaphorins are a large family of conserved secreted and membrane associated proteins which possess a semaphorin (Sema) domain and a PSI domain (found in plexins, semaphorins and inte grins) in the N-terminal extracellular portion. Based on sequence and structural similarities, sema phorins are put into eight classes: invertebrates contain classes 1 and 2, viruses have class V, an d vertebrates contain classes 3-7. Semaphorins serve as axon guidance ligands via multimeric re ceptor complexes, some (if not all) containing plexin proteins. This gene encodes a class 4 sema phorin. This gene and the gene for mitochondrial ribosomal protein L43 overlap at map location 1 0q24.31 and are transcribed in opposite directions. [provided by RefSeq
Other Designations	OTTHUMP00000020312|semaphorin 4G

Pathway

- Axon guidance

Disease

- Alzheimer Disease
- Carcinoma
- Genetic Predisposition to Disease

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- Kidney Neoplasms

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