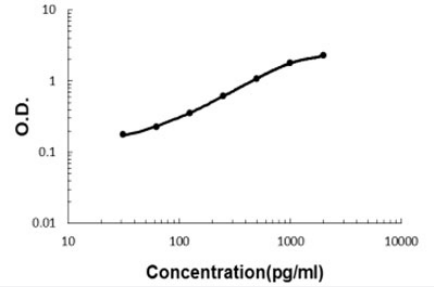
SEMA6D (Human) ELISA Kit

Catalog # KA5915 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	SEMA6D (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative det ection of human SEMA6D in cell culture supernates, serum and plasma (heparin, EDTA, citrate).
Suitable Sample	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 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 unknown s. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for six months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

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Applications

- Quantification

Gene Info — SEMA6D

Entrez GeneID	80031
Protein Accession#	Q8NFY4
Gene Name	SEMA6D
Gene Alias	FLJ11598, KIAA1479
Gene Description	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D
Omim ID	609295
Gene Ontology	Hyperlink
Gene Summary	Semaphorins are a large family, including both secreted and membrane associated proteins, many of which have been implicated as inhibitors or chemorepellents in axon pathfinding, fasciculation and branching, and target selection. All semaphorins possess a semaphorin (Sema) domain and a PSI domain (found in plexins, semaphorins and integrins) in the N-terminal extracellular portion. Additional sequence motifs C-terminal to the semaphorin domain allow classification into distinct subfamilies. Results demonstrate that transmembrane semaphorins, like the secreted ones, can act as repulsive axon guidance cues. This gene encodes a class 6 vertebrate transmembrane semaphorin that demonstrates alternative splicing. Six transcript variants have been identified and expression of the distinct encoded isoforms is thought to be regulated in a tissue- and developmental-dependent manner. [provided by RefSeq
Other Designations	semaphorin 6D

Pathway

- Axon guidance

Disease

- Cardiovascular Diseases

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- Diabetes Mellitus
- Edema

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