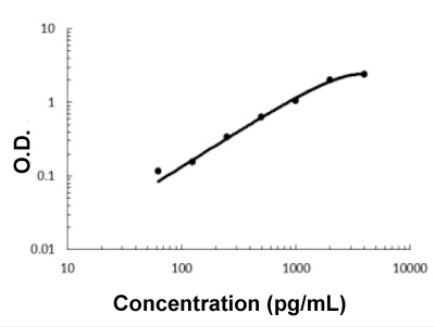
ROBO1 (Human) ELISA Kit

Catalog # KA5540 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	ROBO1 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human ROBO1.
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	62.5 to 4000 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 — ROBO1

Entrez GeneID	6091
Protein Accession#	Q9Y6N7
Gene Name	ROBO1
Gene Alias	DUTT1, FLJ21882, MGC131599, MGC133277, SAX3
Gene Description	roundabout, axon guidance receptor, homolog 1 (Drosophila)
Omim ID	602430
Gene Ontology	Hyperlink
Gene Summary	Bilateral symmetric nervous systems have special midline structures that establish a partition between the two mirror image halves. Some axons project toward and across the midline in response to long-range chemoattractants emanating from the midline. The product of this gene is a member of the immunoglobulin gene superfamily and encodes an integral membrane protein that functions in axon guidance and neuronal precursor cell migration. This receptor is activated by SLIT-family proteins, resulting in a repulsive effect on glioma cell guidance in the developing brain. A related gene is located at an adjacent region on chromosome 3. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	axon guidance receptor|roundabout 1

Pathway

- Axon guidance

Disease

- Asthma
- Genetic Predisposition to Disease
- Obesity

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- Schizophrenia

- Tobacco Use Disorder

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