

Human roundabout, axon guidance receptor, homolog 1 (Drosophila) ELISA Kit | ROBO1 elisa kit

Human Roundabout homolog 1, ROBO1 ELISA Kit

CATALOG #
AAA18181

REACTIVITY
Human

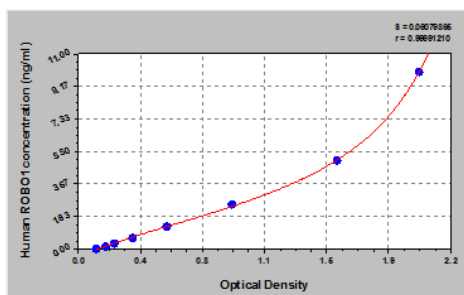
PRODUCT SYNONYMS

roundabout; axon guidance receptor; homolog 1 (Drosophila); Human Roundabout homolog 1; ROBO1 ELISA Kit; Human Roundabout homolog 1 (ROBO1) ELISA kit; DUTT1; FLJ21882; MGC131599; MGC133277; SAX3; roundabout 1; ROBO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ROBO1. No significant cross-reactivity or interference between human ROBO1 and analogues was observed.
Sequence Length	1551
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ROBO1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ROBO1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ROBO1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ROBO1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ROBO1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224994173
NCBI GeneID	6091
NCBI Accession #	NP_001139317.1
NCBI GenBank Nucleotide #	NM_001145845.1
UniProt Accession #	Q9Y6N7; Q1RMC7; Q7Z300; Q9BUS7; B2RXI1; D3DU36; E9PD49
Molecular Weight	180,930 Da
NCBI Official Full Name	roundabout homolog 1 isoform d
NCBI Official Synonym Full Names	roundabout, axon guidance receptor, homolog 1 (Drosophila)
NCBI Official Symbol	ROBO1
NCBI Official Synonym Symbols	SAX3; DUTT1
NCBI Protein Information	roundabout homolog 1; deleted in U twenty twenty
UniProt Protein Name	Roundabout homolog 1
UniProt Gene Name	ROBO1
UniProt Synonym Gene Names	DUTT1
UniProt Entry Name	ROBO1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/robo1-human-elisa-kits/roundabout-axon-guidance-receptor-homolog-1-drosophila/18181>