

Human roundabout homolog 4, magic roundabout (Drosophila) ELISA Kit | ROBO4 elisa kit

Human Roundabout homolog 4, ROBO4 ELISA Kit

CATALOG #
AAA113077

REACTIVITY
Human

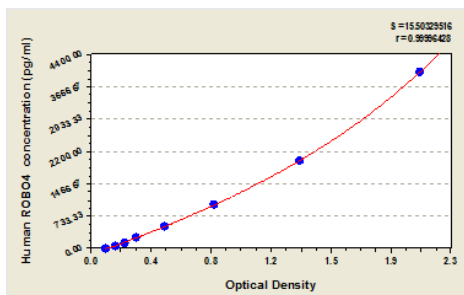
PRODUCT SYNONYMS

roundabout homolog 4; magic roundabout (Drosophila); Human Roundabout homolog 4; ROBO4 ELISA Kit; Human Roundabout homolog 4 (ROBO4) ELISA kit; ECSM4; FLJ20798; MGC133352; MGC133353; MRB; magic roundabout; ROBO4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse RNASE2. No significant cross-reactivity or interference between mouse RNASE2 and analogues was observed.
Sequence Length	1007
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	0.78 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 ROBO4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for RNASE2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RNASE2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RNASE2 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 RNASE2 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 #	17511435
NCBI GeneID	54538
NCBI Accession #	NP_061928.4
NCBI GenBank Nucleotide #	NM_019055.5
UniProt Accession #	Q8WZ75; Q14DU7; Q8TEG1; Q96JV6; Q9H718; Q9NWJ8; A8K154
Molecular Weight	107,457 Da
NCBI Official Full Name	roundabout homolog 4 isoform 1
NCBI Official Synonym Full Names	roundabout, axon guidance receptor, homolog 4 (Drosophila)
NCBI Official Symbol	ROBO4
NCBI Official Synonym Symbols	MRB; ECSM4
NCBI Protein Information	roundabout homolog 4; roundabout homolog 4, magic roundabout
UniProt Protein Name	Roundabout homolog 4
UniProt Gene Name	ROBO4
UniProt Synonym Gene Names	UNQ421/PRO3674
UniProt Entry Name	ROBO4_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/robo4-human-elisa-kits/roundabout-homolog-4-magic-roundabout-drosophila/113077>