

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

Mouse Roundabout homolog 4, ROBO4 ELISA Kit

CATALOG #
AAA112939

REACTIVITY
Mouse

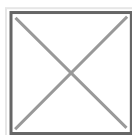
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse ROBO4. No significant cross-reactivity or interference between Mouse ROBO4 and analogues was observed.
Sequence Length	1,012
Samples	Serum, plasma, tissue homogenates
Assay Type	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% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Angiogenesis
Protein Biological Process 3	Angiogenesis
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 ROBO4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ROBO4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ROBO4 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 ROBO4 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 #	27229187
NCBI GeneID	74144
NCBI Accession #	NP_083059.2
NCBI GenBank Nucleotide #	NM_028783.2
UniProt Accession #	Q8C310; Q9DBW1
Molecular Weight	108,499 Da
NCBI Official Full Name	roundabout homolog 4
NCBI Official Synonym Full Names	roundabout homolog 4 (Drosophila)
NCBI Official Symbol	Robo4
NCBI Official Synonym Symbols	AI593217; 1200012D01Rik
NCBI Protein Information	roundabout homolog 4; Magic roundabout
UniProt Protein Name	Roundabout homolog 4
UniProt Gene Name	Robo4
UniProt Entry Name	ROBO4_MOUSE

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-mouse-elisa-kits/roundabout-homolog-4-magic-roundabout-drosophila/112939>