

Mouse RPE-spondin ELISA Kit | Rresp elisa kit

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CATALOG #
AAA56324

REACTIVITY
Mouse

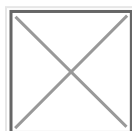
PRODUCT SYNONYMS

RPE-spondin; Mouse RPE-spondin ELISA Kit; Rresp elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse RPE-spondin. No significant cross-reactivity or interference was observed.
Sequence Length	203
Assay Type	Sandwich
Detection Range	0.625-40 ng/ml
Sensitivity	0.317 ng/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=8.3%
Recovery	93%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Rresp elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RPE-spondin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for RPE-spondin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain RPE-spondin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of RPE-spondin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	85701802
NCBI GeneID	226866

NCBI Accession #	NP_001028460.1
NCBI GenBank Nucleotide #	NM_001033288.3
UniProt Accession #	Q3UPR9; B2RVH7
Molecular Weight	29,464 Da
NCBI Official Full Name	somatomedin-B and thrombospondin type-1 domain-containing protein
NCBI Official Synonym Full Names	somatomedin B and thrombospondin, type 1 domain containing
NCBI Official Symbol	Sbspon
NCBI Official Synonym Symbols	Gm106; Rpesp
NCBI Protein Information	somatomedin-B and thrombospondin type-1 domain-containing protein
UniProt Protein Name	Somatomedin-B and thrombospondin type-1 domain-containing protein
UniProt Gene Name	Sbspon
UniProt Synonym Gene Names	Gm106; Rpesp
UniProt Entry Name	SBSP0_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/rpesp-mouse-elisa-kits/rpe-spondin/56324>