

Mouse spondin 1, extracellular matrix protein ELISA Kit | SPON1 elisa kit

Mouse Spondin-1, SPON1 ELISA Kit

CATALOG #
AAA112862

REACTIVITY
Mouse

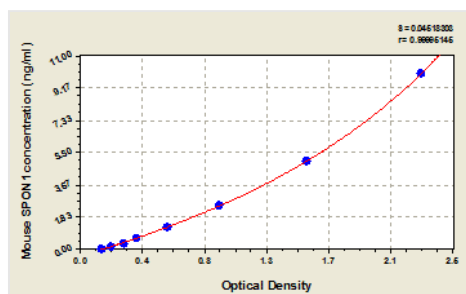
PRODUCT SYNONYMS

spondin 1; extracellular matrix protein; Mouse Spondin-1; SPON1 ELISA Kit; Mouse Spondin-1 (SPON1) ELISA kit; KIAA0762; MGC10724; f-spondin; VSGP/F-spondin; (f-spondin) extracellular matrix protein; SPON1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse SPON1. No significant cross-reactivity or interference between mouse SPON1 and analogues was observed.
Sequence Length	807
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml -10 ng/ml
Sensitivity	Typically less than 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 SPON1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SPON1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPON1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPON1 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 SPON1 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 #	21704174
NCBI GeneID	233744
NCBI Accession #	NP_663559.1
NCBI GenBank Nucleotide #	NM_145584.2
UniProt Accession #	Q8VCC9; Q8K2Q8
Molecular Weight	90,821 Da
NCBI Official Full Name	spondin-1
NCBI Official Synonym Full Names	spondin 1, (f-spondin) extracellular matrix protein
NCBI Official Symbol	Spon1
NCBI Official Synonym Symbols	FSP; AI666765; AW455831; BC020531; D330035F22Rik
NCBI Protein Information	spondin-1; F-spondin
UniProt Protein Name	Spondin-1
UniProt Gene Name	Spon1
UniProt Entry Name	SPON1_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://www.aaabiotech.com/spon1-mouse-elisa-kits/spondin-1-extracellular-matrix-protein/112862>