

Mouse Spondin-2 (SPON2) ELISA Kit | SPON2 elisa kit

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CATALOG #
AAA332251

REACTIVITY
Mouse

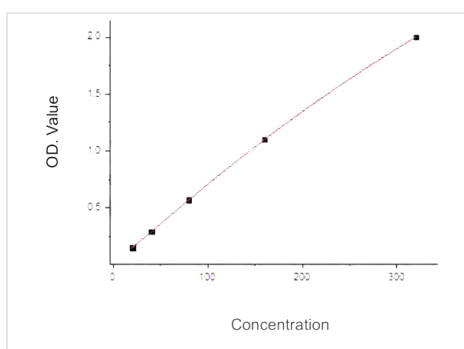
PRODUCT SYNONYMS

Spondin-2 (SPON2); Mouse Spondin-2 (SPON2) ELISA Kit; SPON2; DIL-1; DIL1; DKFZp686G21139; FLJ16313; FLJ34460; M-spondin; Mindin; SPON2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Spondin-2 (SPON2) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SPON2. No significant cross-reactivity or interference between Mouse SPON2 and analogues was observed.
Sequence Length	330
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids
Detection Range	20 ng/L - 320 ng/L
Sensitivity	< 1ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPON2 elisa kit	Background: The full-length SPON2 cDNA encodes a 331-amino acid protein with a domain organization similar to those of zebrafish mindin-1/mindin-2 and F-spondin (SPON1): a hydrophobic signal sequence in the N terminus, an FS1 domain, an FS2 domain, and a thrombospondin type I repeat.The mouse mindin protein, which is 85% identical to the human protein, is a conserved member of a family of secreted extracellular matrix proteins. RNA blot analysis detected expression in a variety of tissues, with abundant expression in lung and lymphoid tissues. Principle of the Assay: Mouse Spondin-2 (SPON2) ELISA Kit employs a two-site sandwich ELISA to quantitate SPON2 in samples. An antibody specific for SPON2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPON2 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse SPON2 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SPON2 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 #	254939623
NCBI GeneID	100689
NCBI Accession #	NP_598664.3
NCBI GenBank Nucleotide #	NP_598664.3
UniProt Accession #	Q8BMS2
NCBI Official Full Name	spondin-2
NCBI Official Synonym Full Names	spondin 2, extracellular matrix protein
NCBI Official Symbol	Spon2
NCBI Official Synonym Symbols	Mindin; AI504350; Mspondin; M-spondin; 2310045I24Rik
NCBI Protein Information	spondin-2
UniProt Protein Name	Spondin-2
UniProt Gene Name	Spon2
UniProt Entry Name	SPON2_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/mouse-elisa-kits/spondin-2-spon2/332251>