

Human spondin 2, extracellular matrix protein ELISA Kit | SPON2 elisa kit

Human Spondin-2 ELISA Kit

CATALOG #
AAA15725

REACTIVITY
Human

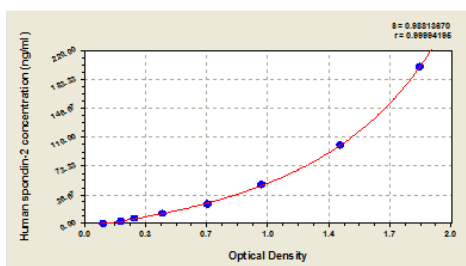
PRODUCT SYNONYMS

spondin 2; extracellular matrix protein; Human Spondin-2 ELISA Kit; DIL-1; DIL1; DKFZp686G21139; FLJ16313; FLJ34460; M-spondin; Mindin; ; SPON2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human spondin-2. No significant cross-reactivity or interference between human spondin-2 and analogues was observed.
Sequence Length	331
Samples	Serum, plasma, cerebrospinal fluid (CSF), cell culture supernates
Assay Type	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 SPON2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for spondin-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any spondin-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for spondin-2 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 spondin-2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190341087
NCBI GeneID	10417
NCBI Accession #	NP_001121797.1
NCBI GenBank Nucleotide #	NM_001128325.2
UniProt Accession #	Q9BUD6; Q4W5N4; Q9ULW1; D3DVN9
Molecular Weight	35,846 Da
NCBI Official Full Name	spondin-2
NCBI Official Synonym Full Names	spondin 2, extracellular matrix protein
NCBI Official Symbol	SPON2
NCBI Official Synonym Symbols	DIL1; DIL-1; MINDIN; M-SPONDIN
NCBI Protein Information	spondin-2; differentially expressed in cancerous and non-cancerous lung cells 1
UniProt Protein Name	Spondin-2
UniProt Gene Name	SPON2
UniProt Synonym Gene Names	DIL1; UNQ435/PRO866; DIL-1
UniProt Entry Name	SPON2_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://www.aaabiotech.com/spon2-human-elisa-kits/spondin-2-extracellular-matrix-protein/15725>