

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

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CATALOG #
AAA330556

REACTIVITY
Human

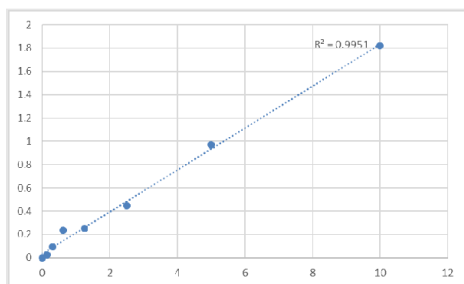
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Spondin-2 (SPON2) ELISA Kit has high sensitivity and excellent specificity for detection of Human SPON2. No significant cross-reactivity or interference between Human SPON2 and analogues was observed.
Sequence Length	331
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Spondin-2 (SPON2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPON2 elisa kit	Description: This Human 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, a biotin-conjugated antibody specific for SPON2 is added to the wells. After washing, Streptavidin 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 SPON2 bound in the initial step. The color development is stopped and the intensity of the color is measured. 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. Immunoblot blot analysis showed expression of a 42-kD protein under reducing conditions and expression of dimers and oligomers in a concentration-dependent manner under nonreducing conditions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190341087
NCBI GeneID	10417
NCBI Accession #	NP_001121797.1
NCBI GenBank Nucleotide #	NP_001121797.1
UniProt Accession #	Q9BUD6
NCBI Official Full Name	spondin-2
NCBI Official Synonym Full Names	spondin 2
NCBI Official Symbol	SPON2
NCBI Official Synonym Symbols	DIL1; DIL-1; MINDIN; M-SPONDIN
NCBI Protein Information	spondin-2
UniProt Protein Name	Spondin-2
UniProt Gene Name	SPON2
UniProt Synonym Gene Names	DIL1; 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.