

Human Cornifin B (SPRR1B) ELISA Kit | SPRR1B elisa kit

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CATALOG #
AAA244558

REACTIVITY
Human

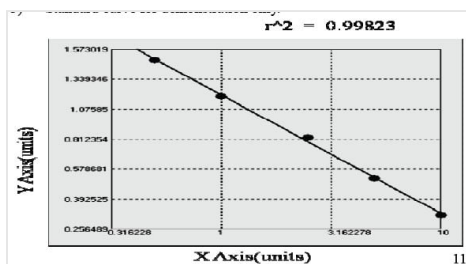
PRODUCT SYNONYMS

Cornifin B (SPRR1B); Human Cornifin B (SPRR1B) ELISA Kit; SPRR1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This SPRR1B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SPRR1B. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPRR1B elisa kit

Principle of the assay: SPRR1B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SPRR1B antibody and an SPRR1B-HRP conjugate. The assay sample and buffer are incubated together with SPRR1B-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SPRR1B concentration since SPRR1B from samples and SPRR1B-HRP conjugate compete for the anti-SPRR1B antibody binding site. Since the number of sites is limited, as more sites are occupied by SPRR1B from the sample, fewer sites are left to bind SPRR1B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SPRR1B concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SPRR1B elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	83582815
NCBI GeneID	6699
NCBI Accession #	NP_003116.2
NCBI GenBank Nucleotide #	NM_003125.2
Molecular Weight	9,888 Da
NCBI Official Full Name	cornifin-B
NCBI Official Synonym Full Names	small proline-rich protein 1B
NCBI Official Symbol	SPRR1B
NCBI Official Synonym Symbols	SPRR1; GADD33; CORNIFIN
NCBI Protein Information	cornifin-B; SPR-IB; cornifin B; 14.9 kDa pancornulin; small proline-rich protein IB
UniProt Protein Name	Cornifin-B
UniProt Gene Name	SPRR1B
UniProt Synonym Gene Names	SPR-IB
UniProt Entry Name	SPR1B_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/human-elisa-kits/cornifin-b-spr1b/244558>