

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

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CATALOG #
AAA250376

REACTIVITY
Human

PRODUCT SYNONYMS

SPRR1B (Cornifin-B); Human SPRR1B (Cornifin-B) ELISA Kit; Cornifin-B; 14.9 kDa pancornulin; Small proline-rich protein 1B; SPR-1B; SPRR1B; SPRR1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SPRR1B. No significant cross -reactivity or interference between SPRR1B and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.6-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for SPRR1B elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83582815
NCBI GeneID	6699
NCBI Accession #	NP_003116.2
NCBI GenBank Nucleotide #	NM_003125.2
UniProt Accession #	P22528 ; P22529 ; P22530 ; Q5T524 ; B2R5H7
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; 14.9 kDa pancornulin; SPR-IB; cornifin B; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/spr1b-cornifin-b/250376>