

Human SPRR1A (Cornifin-A) ELISA Kit | SPRR1A elisa kit

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CATALOG #
AAA250375

REACTIVITY
Human

PRODUCT SYNONYMS

SPRR1A (Cornifin-A); Human SPRR1A (Cornifin-A) ELISA Kit; Cornifin-A; 19 kDa pancornulin; SPRK; Small proline-rich protein IA; SPR-IA; SPRR1A; SPRR1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SPRR1A. No significant cross -reactivity or interference between SPRR1A 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 SPRR1A 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 #	85397935
NCBI GeneID	6698
UniProt Accession #	P35321 ; Q2M303 ; Q9UDG4 ; B1AN47 ; D3DV31
Molecular Weight	9,877 Da
NCBI Official Full Name	SPRR1A protein
NCBI Official Synonym Full Names	small proline-rich protein 1A
NCBI Official Symbol	SPRR1A

NCBI Official Synonym Symbols	SPRK
NCBI Protein Information	cornifin-A; SPR-IA; cornifin A; 19 kDa pancornulin; small proline-rich protein IA
UniProt Protein Name	Cornifin-A
UniProt Gene Name	SPRR1A
UniProt Synonym Gene Names	SPR-IA
UniProt Entry Name	SPR1A_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/spr1a-cornifin-a/250375>