

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

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CATALOG #
AAA27314

REACTIVITY
Human

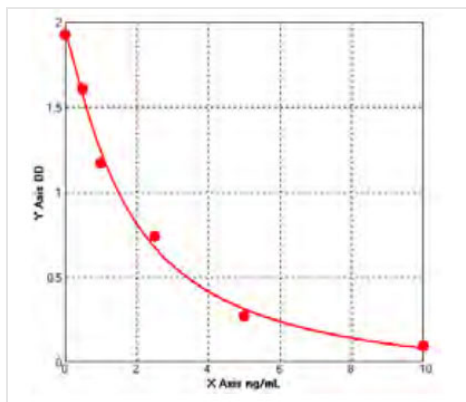
PRODUCT SYNONYMS

Cornifin A (SPRR1A); Human Cornifin A (SPRR1A) ELISA Kit; 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SPRR1A and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPRR1A elisa kit	Principle of the Assay: SPRR1A ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SPRR1A antibody and an SPRR1A-HRP conjugate. The assay sample and buffer are incubated together with SPRR1A-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 SPRR1A concentration since SPRR1A from samples and SPRR1A-HRP conjugate compete for the anti-SPRR1A antibody binding site. Since the number of sites is limited, as more sites are occupied by SPRR1A from the sample, fewer sites are left to bind SPRR1A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SPRR1A concentration in each sample is interpolated from this standard curve. Intended Uses: This SPRR1A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanSPRR1A. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for SPRR1A elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	315360635
NCBI GeneID	6698
NCBI Accession #	NP_001186757.1
NCBI GenBank Nucleotide #	NM_001199828.1
Molecular Weight	9,877 Da
NCBI Official Full Name	cornifin-A
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 1A
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.