

Human Small Proline Rich Protein 1A ELISA Kit | SPRR1A elisa kit

Human Small Proline Rich Protein 1A (SPRR1A) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA189915

REACTIVITY
Human

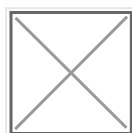
PRODUCT SYNONYMS

Small Proline Rich Protein 1A; Human Small Proline Rich Protein 1A (SPRR1A) (Sandwich ELISA) ELISA Kit; SPRK; SPR-IA; 19 kDa pancornulin; Cornifin-A; ELISA Kit for Small Proline Rich Protein 1A (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	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SPRR1A were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SPRR1A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPRR1A elisa kit

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SPRR1A. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SPRR1A. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SPRR1A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of SPRR1A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SPRR1A in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Product Categories/Family for SPRR1A elisa kit

[Metabolic pathway](#)

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 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.

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Online datasheet: <https://stage.aaabiotech.com/sprr1a-human-elisa-kits/small-proline-rich-protein-1a/189915>