

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

Human Cornifin-B (SPRR1B) ELISA Kit

CATALOG #
AAA330564

REACTIVITY
Human

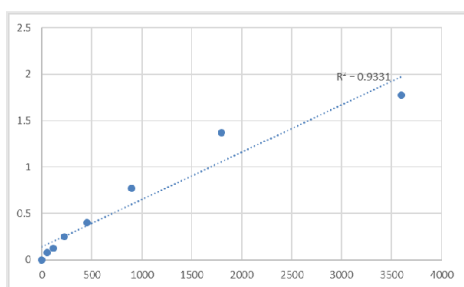
PRODUCT SYNONYMS

Cornifin-B (SPRR1B); Human Cornifin-B (SPRR1B) ELISA Kit; SPRR1B; CORNIFIN; GADD33; MGC61901; SPRR1; cornifin B; small proline-rich protein 1B; SPRR1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Cornifin-B (SPRR1B) ELISA Kit has high sensitivity and excellent specificity for detection of Human SPRR1B. No significant cross-reactivity or interference between Human SPRR1B and analogues was observed.
Sequence Length	89
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Cornifin-B (SPRR1B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPRR1B elisa kit	Description: This Human Cornifin-B (SPRR1B) ELISA Kit employs a two-site sandwich ELISA to quantitate SPRR1B in samples. An antibody specific for SPRR1B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPRR1B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPRR1B is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SPRR1B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: All SPRR genes are closely linked within a 300-kb DNA segment on 1q21-q22.Marvin et al. (1992) characterized a cDNA clone corresponding to mRNA abundantly expressed in differentiating squamous cells originally isolated from a rabbit squamous cell library. Small Proline Rich Protein 1B is a 14-kD protein that appears to function as a component of the crosslinked envelope in squamous differentiating cells. Called cornifin, the protein has a high content of proline (31%), glutamine (20%), and cysteine (11%) and contains 13 repeats of an octapeptide (consensus sequence, EPCQPKVP) at its C terminus. In situ hybridization analysis showed that the mRNA is restricted to the suprabasal layers of the epidermis. Crosslinking of the protein appears to be mediated by transglutaminase type I.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	83582815
NCBI GeneID	6699
NCBI Accession #	NP_003116.2
NCBI GenBank Nucleotide #	NP_003116.2
UniProt Accession #	P22528
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; SPR-IB; CORNIFIN
NCBI Protein Information	cornifin-B
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://stage.aaabiotech.com/human-elisa-kits/cornifin-b-spr1b/330564>