

Human Small Proline-Rich Protein 2B (SPRR2B) ELISA Kit | SPRR2B elisa kit

Human Small Proline-Rich Protein 2B (SPRR2B) ELISA Kit

CATALOG #
AAA330566

REACTIVITY
Human

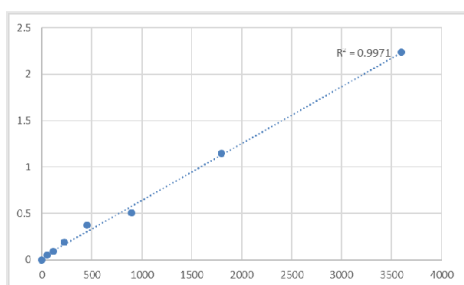
PRODUCT SYNONYMS

Small Proline-Rich Protein 2B (SPRR2B); Human Small Proline-Rich Protein 2B (SPRR2B) ELISA Kit; SPRR2B; OTTHUMP00000015752; SPRR2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Small proline-rich protein 2B (SPRR2B) ELISA Kit has high sensitivity and excellent specificity for detection of Human SPRR2B. No significant cross-reactivity or interference between Human SPRR2B and analogues was observed.
Sequence Length	72
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 Small proline-rich protein 2B (SPRR2B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPRR2B elisa kit	Description: This Human Small proline-rich protein 2B (SPRR2B) ELISA Kit employs a two-site sandwich ELISA to quantitate SPRR2B in samples. An antibody specific for SPRR2B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPRR2B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPRR2B 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 SPRR2B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: SPRR genes encode a novel class of polypeptides called small proline-rich proteins that are strongly induced during differentiation of human epidermal keratinocytes in vitro and in vivo. SPRR genes constitute a distinct class of cornified envelope precursor proteins. Gibbs et al. (1993) concluded that there are 7 genes for the SPRR2 subfamily of small proline-rich proteins, including SPRR2B.Using DNA microarray analysis, Zimmermann et al. (2005) identified Sprr2a and Sprr2b as allergen-induced genes in a mouse model of experimental asthma.By analysis of human-rodent hybrid cell lines and FISH, Gibbs et al. (1993) determined that all SPRR genes, including SPRR2B, are closely linked within a 300-kb DNA segment on chromosome 1q21-q22.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	62955831
NCBI GeneID	6701
NCBI Accession #	NP_001017418.1
NCBI GenBank Nucleotide #	NP_001017418.1
UniProt Accession #	P35325
NCBI Official Full Name	small proline-rich protein 2B
NCBI Official Synonym Full Names	small proline rich protein 2B
NCBI Official Symbol	SPRR2B
NCBI Protein Information	small proline-rich protein 2B
UniProt Protein Name	Small proline-rich protein 2B
UniProt Gene Name	SPRR2B
UniProt Synonym Gene Names	SPR-2B
UniProt Entry Name	SPR2B_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.