

Mouse Small Proline-Rich Protein 2A (SPRR2A) ELISA Kit | SPRR2A elisa kit

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CATALOG #
AAA332260

REACTIVITY
Mouse

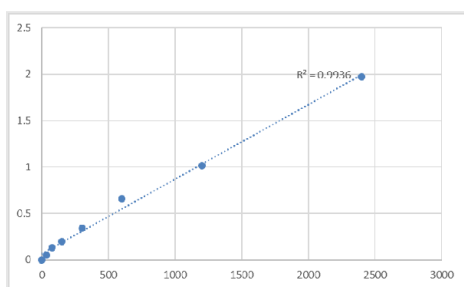
PRODUCT SYNONYMS

Small Proline-Rich Protein 2A (SPRR2A); Mouse Small Proline-Rich Protein 2A (SPRR2A) ELISA Kit; SPRR2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Small proline-rich protein 2A (SPRR2A) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SPRR2A. No significant cross-reactivity or interference between Mouse SPRR2A and analogues was observed.
Sequence Length	83
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. Mouse Small proline-rich protein 2A (SPRR2A) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPRR2A elisa kit	Description: This Mouse Small proline-rich protein 2A (SPRR2A) ELISA Kit employs a two-site sandwich ELISA to quantitate SPRR2A in samples. An antibody specific for SPRR2A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPRR2A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPRR2A 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 SPRR2A 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. Small proline-rich protein 2A is a protein encoded by the SPRR2A gene.Gibbs et al. (1993) concluded that there are 7 genes for the SPRR2 subfamily of small proline-rich proteins, including SPRR2A.Using DNA microarray analysis, Zimmermann et al. (2005) identified Sprr2a and Sprr2b (182268) 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 SPRR2A, are closely linked within a 300-kb DNA segment on chromosome 1q21-q22.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31560549
NCBI GeneID	100042514
NCBI Accession #	NP_035598.2
NCBI GenBank Nucleotide #	NP_035598.2
UniProt Accession #	Q9CQK8
NCBI Official Full Name	small proline-rich protein 2A
NCBI Official Synonym Full Names	small proline-rich protein 2A3
NCBI Official Symbol	Sprr2a3
NCBI Official Synonym Symbols	Sprr2a; Sprr2a1
NCBI Protein Information	small proline-rich protein 2A3
UniProt Protein Name	Small proline-rich protein 2A
UniProt Gene Name	Sprr2a
UniProt Entry Name	SPRR2A_MOUSE

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.