

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

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CATALOG #
AAA330565

REACTIVITY
Human

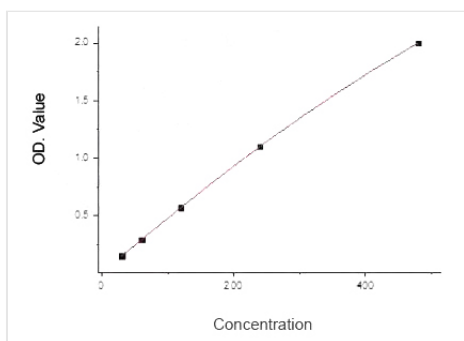
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Small proline-rich protein 2A (SPRR2A) ELISA Kit has high sensitivity and excellent specificity for detection of Human SPRR2A. No significant cross-reactivity or interference between Human SPRR2A and analogues was observed.
Sequence Length	72
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	30 pg/ml - 480 pg/ml
Sensitivity	< 1pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPRR2A elisa kit	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. Principle of the Assay: Human 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, HRP-Conjugated Human SPRR2A detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5174693
NCBI GeneID	6700
NCBI Accession #	NP_005979.1
NCBI GenBank Nucleotide #	NP_005979.1
UniProt Accession #	P35326
NCBI Official Full Name	small proline-rich protein 2A
NCBI Official Synonym Full Names	small proline rich protein 2A
NCBI Official Symbol	SPRR2A
NCBI Protein Information	small proline-rich protein 2A
UniProt Protein Name	Small proline-rich protein 2A
UniProt Gene Name	SPRR2A
UniProt Synonym Gene Names	SPR-2A

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://www.aaabiotech.com/human-elisa-kits/small-proline-rich-protein-2a-spr2a/330565>