

Human Signal-Regulatory Protein gamma (SIRPG) ELISA Kit | SIRPG elisa kit

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CATALOG #
AAA330864

REACTIVITY
Human

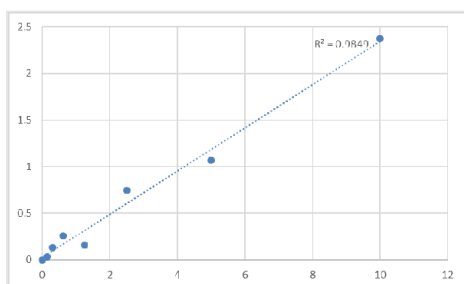
PRODUCT SYNONYMS

Signal-Regulatory Protein gamma (SIRPG); Human Signal-Regulatory Protein gamma (SIRPG) ELISA Kit; SIRPG; RP11-77C3.2; CD172g; FLJ42230; SIRP-B2; SIRPB2; SIRPgamma; bA77C3.1; CD172g antigen; OTTHUMP00000185041; SIRP beta 2; signal-regulatory protein beta 2; SIRPG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Signal-regulatory protein gamma (SIRPG) ELISA Kit has high sensitivity and excellent specificity for detection of Human SIRPG. No significant cross-reactivity or interference between Human SIRPG and analogues was observed.
Sequence Length	276
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 Signal-regulatory protein gamma (SIRPG) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SIRPG elisa kit	Description: This Human Signal-regulatory protein gamma (SIRPG) ELISA Kit employs a two-site sandwich ELISA to quantitate SIRPG in samples. An antibody specific for SIRPG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SIRPG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SIRPG 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 SIRPG bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Signal-regulatory protein gamma is a protein encoded by this gene is a member of the signal-regulatory protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. Alternatively spliced transcript variants encoding different isoforms have been described. The 354-amino acid protein shares approximately 75% sequence identity with SIRPB1. It possesses a putative signal sequence, a long extracellular domain, a transmembrane region, a short intracellular domain, and no catalytic domain. RT-PCR analysis detected expression of SIRPG at varying levels in all tissues tested.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94538339
NCBI GeneID	55423
NCBI Accession #	NP_001034597.1
NCBI GenBank Nucleotide #	NP_001034597.1
UniProt Accession #	Q9P1W8
NCBI Official Full Name	signal-regulatory protein gamma isoform 3
NCBI Official Synonym Full Names	signal regulatory protein gamma
NCBI Official Symbol	SIRPG
NCBI Official Synonym Symbols	CD172g; SIRPB2; SIRP-B2; bA77C3.1; SIRPgamma
NCBI Protein Information	signal-regulatory protein gamma
UniProt Protein Name	Signal-regulatory protein gamma
UniProt Gene Name	SIRPG
UniProt Synonym Gene Names	SIRPB2; SIRP-gamma; SIRP-b2; SIRP-beta-2
UniProt Entry Name	SIRPG_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/human-elisa-kits/signal-regulatory-protein-gamma-sirpg/330864>