

Human Peptidoglycan Recognition Protein 1 (PGLYRP1) ELISA Kit | PGLYRP1 elisa kit

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CATALOG #
AAA331405

REACTIVITY
Human

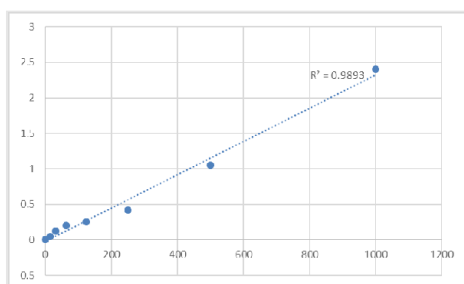
PRODUCT SYNONYMS

Peptidoglycan Recognition Protein 1 (PGLYRP1); Human Peptidoglycan Recognition Protein 1 (PGLYRP1) ELISA Kit; PGLYRP1; MGC126894; MGC126896; PGLYRP; PGRP; PGRP-S; PGRPS; TAG7; TNFSF3L; TNF superfamily; member 3 (LTB)-like (peptidoglycan recognition protein); PGLYRP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Peptidoglycan recognition protein 1 (PGLYRP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human PGLYRP1. No significant cross-reactivity or interference between Human PGLYRP1 and analogues was observed.
Sequence Length	196
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 Peptidoglycan recognition protein 1 (PGLYRP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PGLYRP1 elisa kit	Description: This Human Peptidoglycan recognition protein 1 (PGLYRP1) ELISA Kit employs a two-site sandwich ELISA to quantitate PGLYRP1 in samples. An antibody specific for PGLYRP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PGLYRP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PGLYRP1 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 PGLYRP1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Innate nonself immune recognition relies on structures common among invading microbes, a process termed pattern recognition. Peptidoglycan is a fundamental component of the bacterial cell wall and is thus a candidate for a pattern recognized by the immune system. The deduced human PGLYRP protein has 196 amino acids. Both the human and mouse PGLYRP proteins share 43% sequence identity with the T. ni PGLYRP protein. Recombinant mouse Pglyrp protein expressed in insect cells possessed an affinity for peptidoglycan. Dot blot analysis of a number of human tissue mRNAs detected strong expression in bone marrow and weak expression in lung, kidney, liver, small intestine, spleen, thymus, peripheral leukocyte, and fetal spleen.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4827036
NCBI GeneID	8993
NCBI Accession #	NP_005082.1
NCBI GenBank Nucleotide #	NP_005082.1
UniProt Accession #	O75594
NCBI Official Full Name	peptidoglycan recognition protein 1
NCBI Official Synonym Full Names	peptidoglycan recognition protein 1
NCBI Official Symbol	PGLYRP1
NCBI Official Synonym Symbols	PGRP; TAG7; PGRPS; PGLYRP; PGRP-S; TNFSF3L
NCBI Protein Information	peptidoglycan recognition protein 1
UniProt Protein Name	Peptidoglycan recognition protein 1
UniProt Gene Name	PGLYRP1
UniProt Synonym Gene Names	PGLYRP; PGRP; TNFSF3L; PGRP-S
UniProt Entry Name	PGRP1_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/peptidoglycan-recognition-protein-1-pglyrp1/331405>