

Mouse Pglyrp1 (Peptidoglycan recognition protein 1) ELISA Kit | Pglyrp1 elisa kit

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CATALOG #
AAA249810

REACTIVITY
Mouse

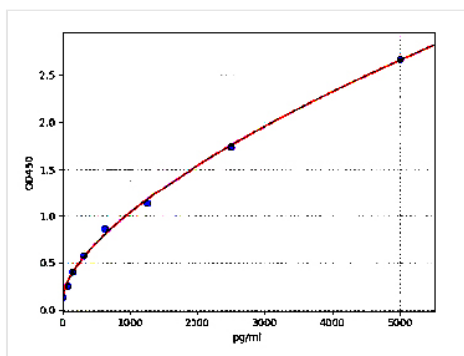
PRODUCT SYNONYMS

Pglyrp1 (Peptidoglycan recognition protein 1); Mouse Pglyrp1 (Peptidoglycan recognition protein 1) ELISA Kit; Peptidoglycan recognition protein 1; Cytokine tag7; Peptidoglycan recognition protein short; PGRP-S; Pglyrp1; Pglyrp; Pgrp; Pgrps; Tag7; Pglyrp1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Pglyrp1. No significant cross-reactivity or interference between Pglyrp1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pglyrp1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679293
NCBI GeneID	21946
NCBI Accession #	NP_033428.1
NCBI GenBank Nucleotide #	NM_009402.2
UniProt Accession #	O88593; Q62185
Molecular Weight	20,489 Da
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; Tasg7; PGRP-S; Pglyrp; 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; Pgrps; Tag7; PGRP-S

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.