

ARG82359 Mouse PGRPS ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82359-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82359-002	Standard	2 X 10 ng/vial	4°C
ARG82359-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82359-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82359-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82359-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82359-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82359-008	25X Wash buffer	20 ml	4°C
ARG82359-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82359-010	STOP solution	10 ml (Ready to use)	4°C
ARG82359-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82359 Mouse PGRPS ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse PGRPS in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	PGRPS
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6.1% Inter-Assay CV: 6.3%

Alternate Names	TAG7; PGRP; PGRPS; PGLYRP; Peptidoglycan recognition protein short; TNFSF3L; PGRP-S; Peptidoglycan recognition protein 1
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Application Instructions

Assay Time	~ 5 hours
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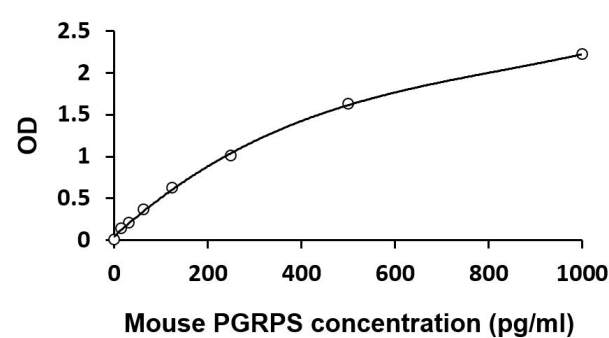
Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PGLYRP1
Gene Full Name	peptidoglycan recognition protein 1
Function	Pattern receptor that binds to murein peptidoglycans (PGN) of Gram-positive bacteria. Has bactericidal activity towards Gram-positive bacteria. May kill Gram-positive bacteria by interfering with peptidoglycan biosynthesis. Binds also to Gram-negative bacteria, and has bacteriostatic activity towards Gram-negative bacteria. Plays a role in innate immunity. [UniProt]
Highlight	Related products: PGRPS antibodies ; PGRPS ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	N-glycosylated. N-glycosylation is required for bactericidal activity. [UniProt]
Cellular Localization	Secreted. Cytoplasmic granule. [UniProt]

Images



ARG82359 Mouse PGRPS ELISA Kit standard curve image

ARG82359 Mouse PGRPS ELISA Kit results of a typical standard run with optical density reading at 450 nm.