

Human N-acetylmuramoyl-L-alanine amidase ELISA Kit | PGLYRP2 elisa kit

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CATALOG #
AAA101780

REACTIVITY
Human

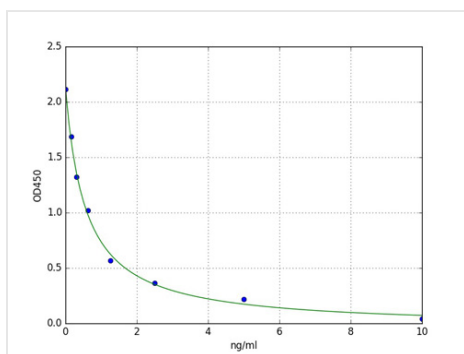
PRODUCT SYNONYMS

N-acetylmuramoyl-L-alanine amidase; Human N-acetylmuramoyl-L-alanine amidase ELISA Kit; PGLYRP2/N-acetylmuramoyl-L-alanine amidase/PGRP-L/Peptidoglycan recognition protein 2/Peptidoglycan recognition protein long; PGLYRP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	749
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a PGLYRP2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.312	0.625	1.25	2.5	5	10
Y	OD450	2.233	1.925	1.647	1.382	0.915	0.686	0.493	0.384

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGLYRP2 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to PGLYRP2. During the reaction,PGLYRP2 in the sample or standard competes with a fixed amount of biotin-labeled PGLYRP2 for sites on a pre-coated Monoclonal antibody specific to PGLYRP2. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of PGLYRP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	309388887
Molecular Weight	85,818 Da
NCBI Official Full Name	N-acetylmuramoyl-L-alanine amidase
UniProt Protein Name	N-acetylmuramoyl-L-alanine amidase
UniProt Gene Name	Hprae_0613
UniProt Entry Name	E3DQ16_HALPG

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/pglyrp2-human-elisa-kits/n-acetylmuramoyl-l-alanine-amidase/101780>