

Human Peptidylglycine Alpha Amidating Monooxygenase (PAM) RTU ELISA Kit | PAM rtu elisa kit

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CATALOG # AAA217625	REACTIVITY Human
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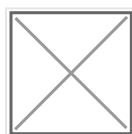
PRODUCT SYNONYMS

Peptidylglycine Alpha Amidating Monooxygenase (PAM); Human Peptidylglycine Alpha Amidating Monooxygenase (PAM) ELISA Kit; PAL; PHM; Peptidylamidoglycolate lyase; Peptidyl-Alpha-hydroxyglycine Alpha-amidating Lyase; Peptidylglycine Alpha-Hydroxylating Monooxygenase; PAM rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	974
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	31.2-2000pg/mL
Sensitivity	13.5pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAM rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PAM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PAM. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PAM, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of PAM in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21070984
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NCBI GeneID	5066
NCBI Accession #	NP_000910.2
NCBI GenBank Nucleotide #	NM_000919.3
UniProt Accession #	P19021; O43211; O95080; Q16252; Q16253; Q54A45; Q86U53; Q8WVC7; Q9UCG0; A6NMR0; A8K293
Molecular Weight	106,276 Da
NCBI Official Full Name	peptidyl-glycine alpha-amidating monooxygenase isoform a
NCBI Official Synonym Full Names	peptidylglycine alpha-amidating monooxygenase
NCBI Official Symbol	PAM
NCBI Official Synonym Symbols	PAL; PHM
NCBI Protein Information	peptidyl-glycine alpha-amidating monooxygenase
UniProt Protein Name	Peptidyl-glycine alpha-amidating monooxygenase
UniProt Gene Name	PAM
UniProt Synonym Gene Names	PAM; PHM; PAL

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-rtu-elisa-kits/peptidylglycine-alpha-amidating-monooxygenase-pam/217625>