

Mouse PADI4 (Peptidyl Arginine Deiminase Type IV) ELISA Kit | PADI4 elisa kit

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CATALOG #
AAA278015

REACTIVITY
Mouse

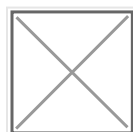
PRODUCT SYNONYMS

PADI4 (Peptidyl Arginine Deiminase Type IV); Mouse PADI4 (Peptidyl Arginine Deiminase Type IV) ELISA Kit; PAD; PADI5; PDI4; PDI5; Peptidyl Arginine Deiminase Type V; Peptidylarginine deiminase IV; PADI4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.046ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PADI4 elisa kit	Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse PADI4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse PADI4. 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 Mouse PADI4, 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 +/- 10nm. The concentration of Mouse PADI4 in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for PADI4 elisa kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	156938252
NCBI GeneID	18602
NCBI Accession #	NP_035191.2
NCBI GenBank Nucleotide #	NM_011061.2
UniProt Accession #	Q9Z183 ; Q75WC7 ; A2AMU3

Molecular Weight	74,415 Da
NCBI Official Full Name	protein-arginine deiminase type-4
NCBI Official Synonym Full Names	peptidyl arginine deiminase, type IV
NCBI Official Symbol	Padi4
NCBI Official Synonym Symbols	Pad4; Pdi4
NCBI Protein Information	protein-arginine deiminase type-4
UniProt Protein Name	Protein-arginine deiminase type-4
UniProt Gene Name	Padi4
UniProt Synonym Gene Names	Pad4; Pdi4

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/mouse-elisa-kits/padi4-peptidyl-arginine-deiminase-type-iv/278015>