Mouse Protein-arginine deiminase type-2 ELISA Kit | Padi2 elisa kit

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CATALOG #	REACTIVITY
AAA23222	**Mouse**

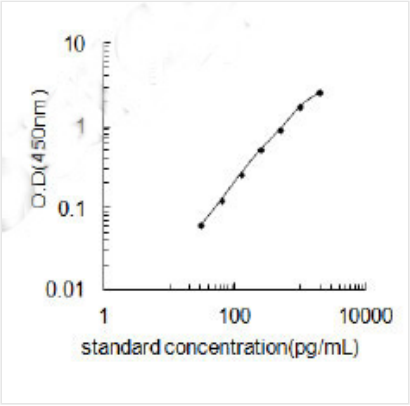
PRODUCT SYNONYMS

Protein-arginine deiminase type-2; Mouse Protein-arginine deiminase type-2 ELISA Kit; Peptidylarginine deiminase II; Protein-arginine deiminase type II; Padi2; Pdi; Pdi2; 3.5.3.15; Padi2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Protein-arginine deiminase type-2
Sequence Length	673
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	31.2 pg/mL-2000 pg/mL
Sensitivity	< 15.75 pg/mL
Intra-assay Precision	<=5.9%
Inter-assay Precision	<=9.4%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Padi2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	171906557
NCBI GeneID	18600
NCBI Accession #	NP_032838.2
NCBI GenBank Nucleotide #	NM_008812.2
UniProt Accession #	Q08642; Q75WD0
Molecular Weight	76,250 Da
NCBI Official Full Name	protein-arginine deiminase type-2
NCBI Official Synonym Full Names	peptidyl arginine deiminase, type II
NCBI Official Symbol	Padi2
NCBI Official Synonym Symbols	Pdi; Pdi2; mKIAA0994
NCBI Protein Information	protein-arginine deiminase type-2
UniProt Protein Name	Protein-arginine deiminase type-2
UniProt Gene Name	**Padi2**
UniProt Synonym Gene Names	Pad2; Pdi; Pdi2
UniProt Entry Name	PADI2_MOUSE

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/padi2-mouse-elisa-kits/protein-arginine-deiminase-type-2/23222