

## Mouse Protein-arginine deiminase type-2, PADI2 ELISA Kit | PADI2 elisa kit

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CATALOG #  
**AAA19060**

REACTIVITY  
**Mouse**

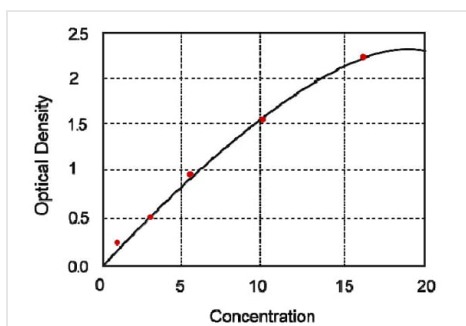
### PRODUCT SYNONYMS

Protein-arginine deiminase type-2; PADI2; Mouse Protein-arginine deiminase type-2; PADI2 ELISA Kit; PADI2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                            |
| Sequence Length         | 665                                                                                                                                                                                              |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Samples                 | Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids                                                                                                   |
| Detection Range         | 20-6000ng/L                                                                                                                                                                                      |
| Sensitivity             | 9.55ng/L                                                                                                                                                                                         |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for PADI2 elisa kit | <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse PADI2 antibody. PADI2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse PADI2 Antibody is added and binds to PADI2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PADI2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse PADI2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Protein-arginine deiminase type-2 (also known as PADI2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.</p> |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 122939159                         |
| NCBI GeneID                      | 11240                             |
| NCBI GenBank Nucleotide #        | NP_031391.2                       |
| UniProt Accession #              | Q9Y2J8                            |
| NCBI Official Full Name          | protein-arginine deiminase type-2 |
| NCBI Official Synonym Full Names | peptidyl arginine deiminase 2     |
| NCBI Official Symbol             | PADI2                             |
| NCBI Official Synonym Symbols    | PAD2; PDI2; PAD-H19               |
| NCBI Protein Information         | protein-arginine deiminase type-2 |
| UniProt Protein Name             | Protein-arginine deiminase type-2 |
| UniProt Gene Name                | <b>PADI2</b>                      |
| UniProt Synonym Gene Names       | KIAA0994; PDI2                    |
| UniProt Entry Name               | PADI2_HUMAN                       |

**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/protein-arginine-deiminase-type-2-padi2/19060>