

Human Protein-arginine deiminase type-3 (PADI3) ELISA Kit | PADI3 elisa kit

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CATALOG #
AAA44313

REACTIVITY
Human

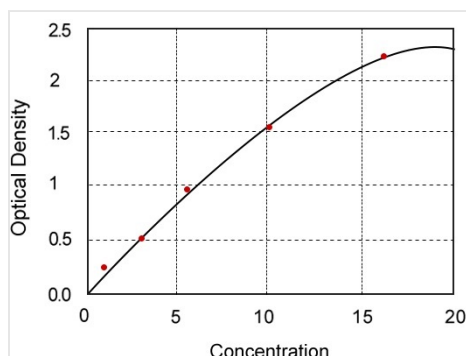
PRODUCT SYNONYMS

Protein-arginine deiminase type-3 (PADI3); Human Protein-arginine deiminase type-3 (PADI3) ELISA Kit; PADI3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	664
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.023ng/ml
Intra-Assay	CV<8%
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 PADI3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Protein-arginine Deiminase Type-3 (also known as PADI3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PADI3 antibody. PADI3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PADI3 Antibody is added and binds to PADI3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PADI3 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 Human PADI3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	122939161
NCBI GeneID	51702
NCBI Accession #	NP_057317.2
NCBI GenBank Nucleotide #	NM_016233.2
UniProt Accession #	Q9ULW8; Q58EY7; Q70SX5
Molecular Weight	74,743 Da
NCBI Official Full Name	protein-arginine deiminase type-3
NCBI Official Synonym Full Names	peptidyl arginine deiminase 3
NCBI Official Symbol	PADI3
NCBI Official Synonym Symbols	PAD3; PDI3; UHS1
NCBI Protein Information	protein-arginine deiminase type-3
UniProt Protein Name	Protein-arginine deiminase type-3
UniProt Gene Name	PADI3
UniProt Synonym Gene Names	PAD3; PDI3

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-elisa-kits/protein-arginine-deiminase-type-3-padi3/44313>