

Human protein-arginine deiminase type-1 (PADI1) ELISA Kit | PADI1 elisa kit

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CATALOG #
AAA44205

REACTIVITY
Human

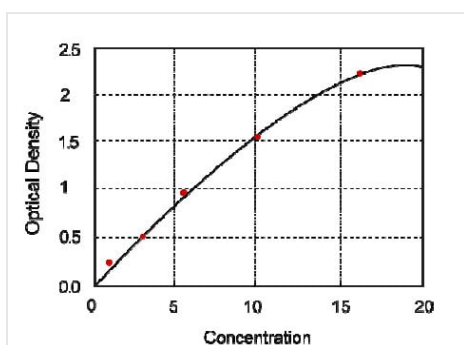
PRODUCT SYNONYMS

protein-arginine deiminase type-1 (PADI1); Human protein-arginine deiminase type-1 (PADI1) ELISA Kit; PADI1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	663
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40ng/ml
Sensitivity	0.049ng/ml
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 PADI1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PADI1 antibody. PADI1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PADI1 Antibody is added and binds to PADI1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PADI1 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 PADI1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human protein-arginine deiminase type-1 (also known as PADI1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122056685
NCBI GeneID	29943
NCBI Accession #	NP_037490.2
NCBI GenBank Nucleotide #	NM_013358.2
UniProt Accession #	Q9ULC6; Q70SX6; A1L4K6
Molecular Weight	74,666 Da
NCBI Official Full Name	protein-arginine deiminase type-1
NCBI Official Synonym Full Names	peptidyl arginine deiminase 1
NCBI Official Symbol	PADI1
NCBI Official Synonym Symbols	PDI; PAD1; PDI1; HPAD10
NCBI Protein Information	protein-arginine deiminase type-1
UniProt Protein Name	Protein-arginine deiminase type-1
UniProt Gene Name	PADI1
UniProt Synonym Gene Names	PAD1; PDI1

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.