

Human Serum paraoxonase/arylesterase 1 ELISA Kit | PON1 elisa kit

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CATALOG #
AAA192772

REACTIVITY
Human

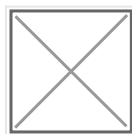
PRODUCT SYNONYMS

Serum paraoxonase/arylesterase 1; Human Serum paraoxonase/arylesterase 1 ELISA Kit; PON 1; Aromatic esterase 1; A-esterase 1; K-45; Serum arylalkylphosphatase 1; PON1; PON; 3.1.1.2; PON1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human PON 1
Sequence Length	355
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	1.56 ng/mL -100 ng/mL
Sensitivity	< 0.78 ng/mL
Intra-assay Precision	<=4.5%
Inter-assay Precision	<=7.1%
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 PON1 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 $\pm$ 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 #

[19923106](#)

NCBI GeneID	5444
NCBI Accession #	NP_000437.3
NCBI GenBank Nucleotide #	NM_000446.5
UniProt Accession #	P27169; Q16052; Q6B0J6; Q9UCB1; B2RA40
Molecular Weight	39,731 Da
NCBI Official Full Name	serum paraoxonase/arylesterase 1
NCBI Official Synonym Full Names	paraoxonase 1
NCBI Official Symbol	PON1
NCBI Official Synonym Symbols	ESA; PON; MVCD5
NCBI Protein Information	serum paraoxonase/arylesterase 1
UniProt Protein Name	Serum paraoxonase/arylesterase 1
UniProt Gene Name	PON1
UniProt Synonym Gene Names	PON; A-esterase 1
UniProt Entry Name	PON1_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/pon1-human-elisa-kits/serum-paraoxonase-arylesterase-1/192772>