

Human Paraoxonase-1, PON1 ELISA Kit | PON1 elisa kit

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CATALOG #
AAA42180

REACTIVITY
Human

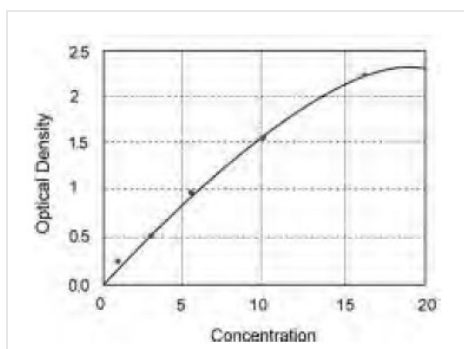
PRODUCT SYNONYMS

Paraoxonase-1; PON1; Human Paraoxonase-1; PON1 ELISA Kit; PON1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	6
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	5-600ng/ml
Sensitivity	2.36ng/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 PON1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PON1 antibody. PON1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PON1 Antibody is added and binds to PON1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PON1 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 PON1. 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 Paraoxonase 1 (also known as PON1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	345894407
NCBI GeneID	5444
Molecular Weight	39,731 Da
NCBI Official Full Name	paraoxonase 1, partial
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; PON 11 PublicationManual assertion based on opinion iniRef.20; A-esterase 1

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/paraoxonase-1-pon1/42180>