

Rat paraoxonase (PON) ELISA Kit | PON elisa kit

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CATALOG #
AAA121172

REACTIVITY
Rat

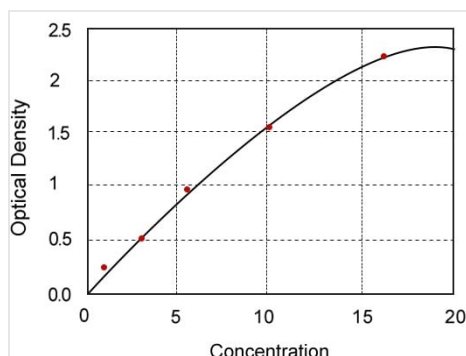
PRODUCT SYNONYMS

paraoxonase (PON); Rat paraoxonase (PON) ELISA Kit; PON elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	355
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 200ng/ml
Sensitivity	0.23ng/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 PON elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Paraoxonase (also known as PON) 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 Rat PON antibody. PON present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat PON Antibody is added and binds to PON in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PON 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 Rat PON. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705003
NCBI GeneID	5444
Molecular Weight	39,731 Da
NCBI Official Full Name	paraoxonase
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/paraoxonase-pon/121172>