

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

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CATALOG #
AAA43432

REACTIVITY
Rat

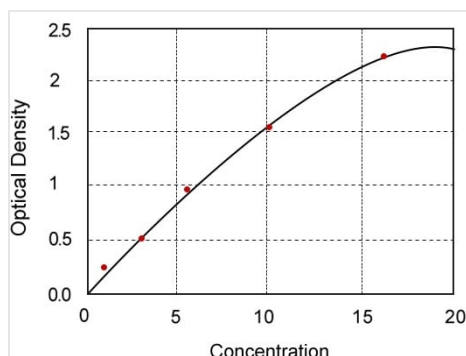
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	6
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.25ng/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 PON1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Cartilage Glycoprotein 39 (also known as YKL-40) 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 YKL-40 antibody. YKL-40 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat YKL-40 Antibody is added and binds to YKL-40 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated YKL-40 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 YKL-40. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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://www.aaabiotech.com/rat-elisa-kits/paraoxonase-1-pon1/43432>