

Human Paraoxonase 3 ELISA Kit | PON3 elisa kit

Human Paraoxonase 3 (PON3) ELISA Kit

CATALOG # AAA55811	REACTIVITY Human
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PRODUCT SYNONYMS

Paraoxonase 3; Human Paraoxonase 3 (PON3) ELISA Kit; Paraoxonase-3|serum paraoxonase/lactonase 3; PON3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PON3. No significant cross-reactivity or interference between Human PON3 and analogues was observed.
Sequence Length	354
Samples	serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/mL - 10 ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PON3 elisa kit	Intended Uses: For the quantitative detection of Human Paraoxonase 3 (PON3) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PON3 in Human serum, plasma. An antibody specific for PON3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PON3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PON3 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PON3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29788996
NCBI GeneID	5446
NCBI Accession #	NP_000931.1
NCBI GenBank Nucleotide #	NM_000940.2
UniProt Accession #	Q15166 ; O75855 ; O76060 ; Q6IRU9 ; Q8IX97 ; Q9BZH9 ; A4D1H8
Molecular Weight	39,607 Da

NCBI Official Full Name	serum paraoxonase/lactonase 3
NCBI Official Synonym Full Names	paraoxonase 3
NCBI Official Symbol	PON3
NCBI Protein Information	serum paraoxonase/lactonase 3
UniProt Protein Name	Serum paraoxonase/lactonase 3
UniProt Gene Name	PON3

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://www.aaabiotech.com/pon3-human-elisa-kits/paraoxonase-3/55811>