

Human paraoxonase 3 ELISA Kit | PON3 elisa kit

Human Paraoxonase 3, PON3 ELISA Kit

CATALOG #
AAA15748

REACTIVITY
Human

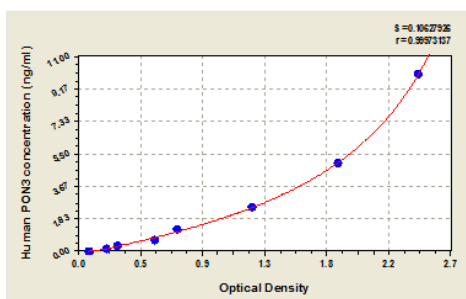
PRODUCT SYNONYMS

paraoxonase 3; Human Paraoxonase 3; PON3 ELISA Kit; Human Paraoxonase 3 (PON3) ELISA Kit; paraoxanase-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
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PON3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. 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, avidin 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.
--	---

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; paraoxanase-3; arylesterase 3
UniProt Protein Name	Serum paraoxonase/lactonase 3
UniProt Gene Name	PON3
UniProt Entry Name	PON3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pon3-human-elisa-kits/paraoxonase-3/15748>