

Human PON2 ELISA Kit | PON2 elisa kit

Human PON2 (Paraoxonase 2) ELISA Kit

CATALOG #
AAA165995

REACTIVITY
Human

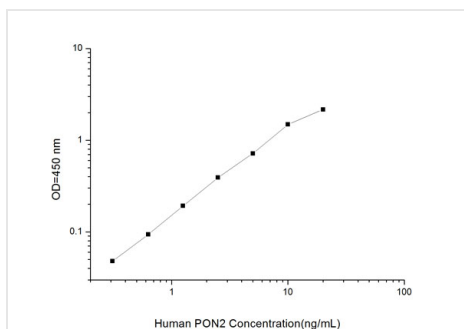
PRODUCT SYNONYMS

PON2; Human PON2 (Paraoxonase 2) ELISA Kit; PON2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human PON2. No significant cross-reactivity or interference between Human PON2 and analogues was observed.
Sequence Length	94
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PON2 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanPON2concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to PON2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PON2and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PON2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of PON2.You can calculate the concentration of PON2in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34189331
NCBI GeneID	5445
Molecular Weight	37,996 Da
NCBI Official Full Name	PON2 protein, partial
NCBI Official Synonym Full Names	paraoxonase 2
NCBI Official Symbol	PON2
NCBI Protein Information	serum paraoxonase/arylesterase 2; A-esterase 2; PON 2; aromatic esterase 2; paraoxonase nirs; serum aryldialkylphosphatase 2
UniProt Protein Name	Serum paraoxonase/arylesterase 2
UniProt Gene Name	PON2
UniProt Synonym Gene Names	PON 2; A-esterase 2
UniProt Entry Name	PON2_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.