

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

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CATALOG #
AAA186147

REACTIVITY
Human

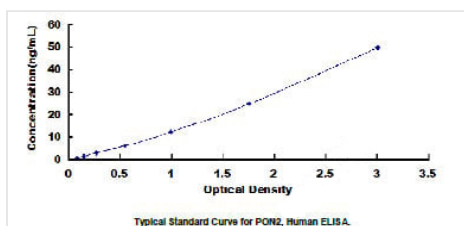
PRODUCT SYNONYMS

Paraoxonase 2 (PON2); Human Paraoxonase 2 (PON2) ELISA Kit; Serum Paraoxonase/Arylesterase 2; Paraoxonase Nirs; Aromatic esterase 2; Serum arylalkylphosphatase 2; PON2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PON2. No significant cross-reactivity or interference between PON2 and analogues was observed.
Sequence Length	342
Samples	human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	<0.32ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PON2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PON2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PON2 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PON2 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #

1333632

NCBI GeneID	5445
UniProt Accession #	Q15165; O15114; O15115; O75856; Q5FBX7; Q86YL0; A4D1H7; B2RCP9; B4DJD5
Molecular Weight	37,996 Da
NCBI Official Full Name	paraoxonase 2
NCBI Official Synonym Full Names	paraoxonase 2
NCBI Official Symbol	PON2
NCBI Protein Information	serum paraoxonase/arylesterase 2
UniProt Protein Name	Serum paraoxonase/arylesterase 2
UniProt Gene Name	PON2
UniProt Synonym Gene Names	PON 2; A-esterase 2

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://stage.aaabiotech.com/human-elisa-kits/paraoxonase-2-pon2/186147>