

Mouse Paraoxonase 2 (PON2) RTU ELISA Kit | PON2 rtu elisa kit

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CATALOG #
AAA217923

REACTIVITY
Mouse

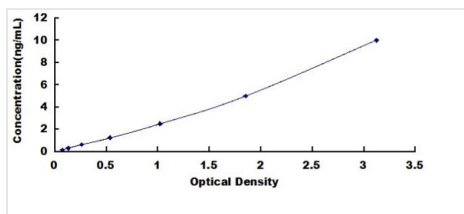
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	354
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.052ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PON2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PON2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PON2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PON2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of PON2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	34303979
NCBI GeneID	330260
NCBI Accession #	NP_899131.1
NCBI GenBank Nucleotide #	NM_183308.2
UniProt Accession #	Q62086; Q3TAD3; Q8CFK3
Molecular Weight	39,617 Da
NCBI Official Full Name	serum paraoxonase/arylesterase 2
NCBI Official Synonym Full Names	paraoxonase 2
NCBI Official Symbol	Pon2
NCBI Official Synonym Symbols	AI481612; 6330405I24Rik
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/mouse-rtu-elisa-kits/paraoxonase-2-pon2/217923>