

Mouse Pregnane X Receptor (PXR) ELISA Kit | PXR elisa kit

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CATALOG #
AAA219713

REACTIVITY
Mouse

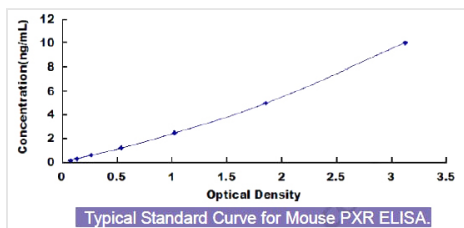
PRODUCT SYNONYMS

Pregnane X Receptor (PXR); Mouse Pregnane X Receptor (PXR) ELISA Kit; NR1I2; SAR; PAR1; PAR2; PRR; BXR; ONR1; PAR; PARq; SXR; Nuclear Receptor Subfamily 1; Group I; Member 2; Steroid and xenobiotic receptor; Pregnane X receptor; PXR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of PTN. No significant cross-reactivity or interference between PTN and analogues was observed.
Sequence Length	390
Samples	Bovine Serum, Plasma Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.2-2000pg/mL
Sensitivity	11.4pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PTN 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 PTN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PXR elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PTN in bovine serum, plasma or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PTN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PTN. 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 PTN, 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 +/- 10nm. The concentration of PTN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148536879
NCBI GeneID	18171
NCBI Accession #	NP_001091874.1
NCBI GenBank Nucleotide #	NP_001091874.1
UniProt Accession #	O54915
NCBI Official Full Name	nuclear receptor subfamily 1 group I member 2 isoform 2
NCBI Official Synonym Full Names	nuclear receptor subfamily 1, group I, member 2
NCBI Official Symbol	Nr1i2
NCBI Official Synonym Symbols	PXR; SXR; PXR1; mPXR; PXR.1; PXR.2
NCBI Protein Information	nuclear receptor subfamily 1 group I member 2
UniProt Protein Name	Nuclear receptor subfamily 1 group I member 2
UniProt Gene Name	Nr1i2
UniProt Synonym Gene Names	Pxr
UniProt Entry Name	NR1I2_MOUSE

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.