

Human Period Circadian Protein 1 (PER1) RTU ELISA Kit | PER1 rtu elisa kit

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CATALOG #
AAA217745

REACTIVITY
Human

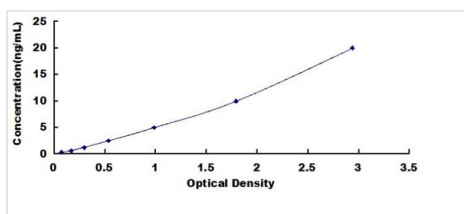
PRODUCT SYNONYMS

Period Circadian Protein 1 (PER1); Human Period Circadian Protein 1 (PER1) ELISA Kit; PER; RIGUI; hPER; Circadian clock protein PERIOD 1; Circadian pacemaker protein Rigiui; PER1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1290
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/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 PER1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PER1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PER1. 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 PER1, 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 PER1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194097341
NCBI GeneID	5187
NCBI Accession #	NP_002607.2
NCBI GenBank Nucleotide #	NM_002616.2
UniProt Accession #	O15534; B2RPA8; B4DI49; D3DTR3
Molecular Weight	â€“ Da
NCBI Official Full Name	period circadian protein homolog 1
NCBI Official Synonym Full Names	period circadian regulator 1
NCBI Official Symbol	PER1
NCBI Official Synonym Symbols	PER; hPER; RIGUI
NCBI Protein Information	period circadian protein homolog 1
UniProt Protein Name	Period circadian protein homolog 1
UniProt Gene Name	PER1
UniProt Synonym Gene Names	KIAA0482; PER; RIGUI; hPER1

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-rtu-elisa-kits/period-circadian-protein-1-per1/217745>