

Rat Pigment Epithelium Derived Factor (PEDF) RTU ELISA Kit | PEDF rtu elisa kit

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CATALOG #
AAA217741

REACTIVITY
Rat

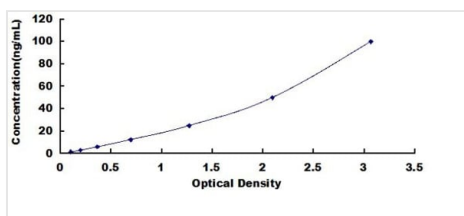
PRODUCT SYNONYMS

Pigment Epithelium Derived Factor (PEDF); Rat Pigment Epithelium Derived Factor (PEDF) ELISA Kit; SERPINF1; EPC1; PIG35; SDF3; Serpin F1; Cell proliferation-inducing gene 35; Serpin Peptidase Inhibitor; Clade F Member 1(Alpha-2 Antiplasmin); Stromal Cell Derived Factor 3; PEDF rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	418
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	1.56-100ng/mL
Sensitivity	0.55ng/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 PEDF rtu elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	29293811
NCBI GeneID	287526
NCBI Accession #	NP_808788.1
NCBI GenBank Nucleotide #	NM_177927.2
UniProt Accession #	Q80ZA3; F1LSW0
Molecular Weight	46,465 Da
NCBI Official Full Name	pigment epithelium-derived factor
NCBI Official Synonym Full Names	serpin family F member 1
NCBI Official Symbol	Serpinf1
NCBI Official Synonym Symbols	Pedf; Dmrs91
NCBI Protein Information	pigment epithelium-derived factor
UniProt Protein Name	Alpha-2 antiplasmin
UniProt Gene Name	Serpinf1

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://www.aaabiotech.com/rat-rtu-elisa-kits/pigment-epithelium-derived-factor-pedf/217741>