

Cattle PEDF (Pigment Epithelium Derived Factor) ELISA Kit | PEDF elisa kit

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CATALOG #
AAA278686

REACTIVITY
Cattle

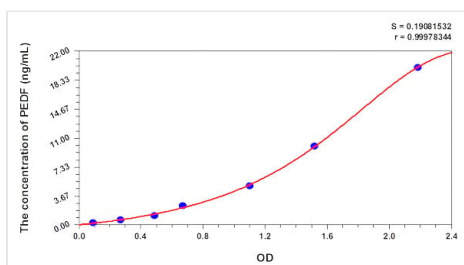
PRODUCT SYNONYMS

PEDF (Pigment Epithelium Derived Factor); Cattle PEDF (Pigment Epithelium Derived Factor) 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 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cattle
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids.
Detection Range	0.16-10ug/mL
Sensitivity	0.052ug/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PEDF elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cattle PEDF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle 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 Cattle 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 +/- 10nm. The concentration of Cattle PEDF in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for PEDF elisa kit

[Cytokine](#); [Neuro science](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806487
NCBI GeneID	281386

NCBI Accession #	NP_776565.1
NCBI GenBank Nucleotide #	NM_174140.3
UniProt Accession #	Q95121; Q2KIF6
Molecular Weight	46,229 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
NCBI Protein Information	pigment epithelium-derived factor
UniProt Protein Name	Pigment epithelium-derived factor
UniProt Gene Name	SERPINF1
UniProt Synonym Gene Names	PEDF; PEDF

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/cat-cattle-elisa-kits/pedf-pigment-epithelium-derived-factor/278686>