

Chicken Platelet Derived Growth Factor D ELISA Kit | PDGFD elisa kit

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CATALOG #
AAA92331

REACTIVITY
Chicken

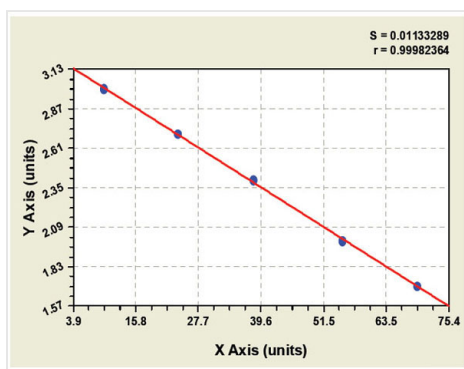
PRODUCT SYNONYMS

Platelet Derived Growth Factor D; Chicken Platelet Derived Growth Factor D ELISA Kit; PDGFD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This PDGFD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PDGFD. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFD elisa kit

Principle of the Assay: PDGFD ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PDGFD antibody and an PDGFD-HRP conjugate. The assay sample and buffer are incubated together with PDGFD-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PDGFD concentration since PDGFD from samples and PDGFD-HRP conjugate compete for the anti-PDGFD antibody binding site. Since the number of sites is limited, as more sites are occupied by PDGFD from the sample, fewer sites are left to bind PDGFD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PDGFD concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PDGFD elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	15451921
NCBI GeneID	80310
NCBI Accession #	NP_149126.1
NCBI GenBank Nucleotide #	NM_033135.3
UniProt Accession #	Q9GZP0; Q9BWV5; A8K9T6
Molecular Weight	42,848 Da
NCBI Official Full Name	platelet-derived growth factor D isoform 2
NCBI Official Synonym Full Names	platelet derived growth factor D
NCBI Official Symbol	PDGFD
NCBI Official Synonym Symbols	IEGF; SCDGFB; MSTP036; SCDGF-B
NCBI Protein Information	platelet-derived growth factor D; PDGF-D; iris-expressed growth factor; spinal cord derived growth factor B; spinal cord-derived growth factor B; spinal cord-derived growth factor-B
UniProt Protein Name	Platelet-derived growth factor D
UniProt Gene Name	PDGFD
UniProt Synonym Gene Names	IEGF; SCDGFB; PDGF-D; SCDGF-B; PDGFD latent form
UniProt Entry Name	PDGFD_HUMAN

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/pdgfd-chicken-elisa-kits/platelet-derived-growth-factor-d/92331>