

Canine Placenta Growth Factor ELISA Kit | PLGF elisa kit

Canine Placenta Growth Factor (PLGF) ELISA Kit

CATALOG #
AAA181175

REACTIVITY
Canine

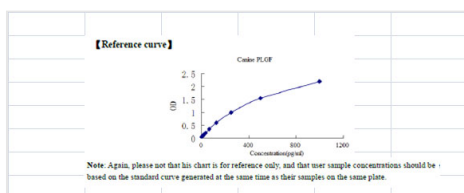
PRODUCT SYNONYMS

Placenta Growth Factor; Canine Placenta Growth Factor (PLGF) ELISA Kit; PLGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	No cross-reaction with other factors.
Sequence Length	158
Samples	Canine serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	1000 pg/mL-15.6 pg/mL
Sensitivity	Up to 5 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLGF elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Canine PLGF monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

6679289

NCBI GeneID	18654
NCBI Accession #	NP_032853.1
NCBI GenBank Nucleotide #	NM_008827.3
Molecular Weight	17,876 Da
NCBI Official Full Name	placenta growth factor isoform 1
NCBI Official Synonym Full Names	placental growth factor
NCBI Official Symbol	Pgf
NCBI Official Synonym Symbols	PIGF; Plgf; AI854365
NCBI Protein Information	placenta growth factor
UniProt Protein Name	Placenta growth factor
UniProt Gene Name	Pgf
UniProt Synonym Gene Names	Plgf; PIGF
UniProt Entry Name	PLGF_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.

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Online datasheet: <https://stage.aaabiotech.com/plgf-canine-elisa-kits/placenta-growth-factor/181175>