

Canine Growth Differentiation Factor 15 ELISA Kit | GDF15 elisa kit

Canine Growth Differentiation Factor 15 (GDF15) ELISA Kit

CATALOG #
AAA22574

REACTIVITY
Canine

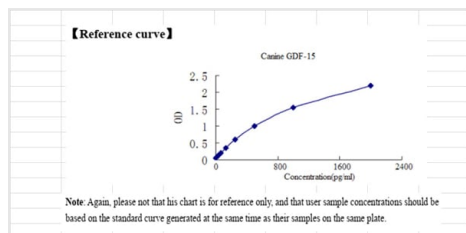
PRODUCT SYNONYMS

Growth Differentiation Factor 15; Canine Growth Differentiation Factor 15 (GDF15) ELISA Kit; GDF15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	No cross-reaction with other factors.
Sequence Length	308
Assay Type	Sandwich
Detection Range	2000 pg/mL-31.2 pg/mL
Sensitivity	Up to 12 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 GDF15 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 GDF15 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 #

[14286322](#)

NCBI GeneID	9518
Molecular Weight	34,140 Da
NCBI Official Full Name	Growth differentiation factor 15
NCBI Official Synonym Full Names	growth differentiation factor 15
NCBI Official Symbol	GDF15
NCBI Official Synonym Symbols	PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15
NCBI Protein Information	growth/differentiation factor 15
UniProt Protein Name	Growth/differentiation factor 15
UniProt Gene Name	GDF15
UniProt Synonym Gene Names	MIC1; PDF; PLAB; PTGFB; GDF-15; MIC-1; NAG-1; NRG-1
UniProt Entry Name	GDF15_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/gdf15-canine-elisa-kits/growth-differentiation-factor-15/22574>