

Canine GM-CSF (Granulocyte-Macrophage Colony Stimulating Factor) ELISA Kit | GM-CSF elisa kit

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CATALOG # AAA250907	REACTIVITY Canine
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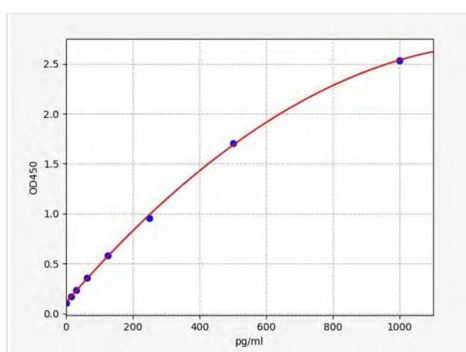
PRODUCT SYNONYMS

GM-CSF (Granulocyte-Macrophage Colony Stimulating Factor); Canine GM-CSF (Granulocyte-Macrophage Colony Stimulating Factor) ELISA Kit; GM-CSF; Granulocyte-Macrophage Colony Stimulating Factor; GM-CSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	Specifically recognize GM-CSF, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GM-CSF elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti GM-CSF antibody was pre-coated onto the 96-well plate. The biotin conjugated anti GM-CSF antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with GMCSF conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of GM-CSF in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50979038
NCBI GeneID	403923
NCBI Accession #	NP_001003245.1
NCBI GenBank Nucleotide #	NM_001003245.1
UniProt Accession #	P48749
Molecular Weight	16,137 Da
NCBI Official Full Name	granulocyte-macrophage colony-stimulating factor
NCBI Official Symbol	CSF2
NCBI Official Synonym Symbols	GM-CSF
NCBI Protein Information	granulocyte-macrophage colony-stimulating factor; CSF
UniProt Protein Name	Granulocyte-macrophage colony-stimulating factor
UniProt Gene Name	CSF2
UniProt Synonym Gene Names	GM-CSF; CSF
UniProt Entry Name	CSF2_CANFA

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.