

Murine IFN-gamma ELISA Kit | IFN-gamma elisa kit

Murine IFN-gamma Pre-Coated ELISA Kit

CATALOG #
AAA79357

REACTIVITY
Murine

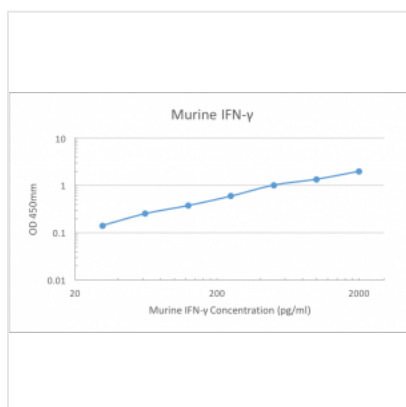
PRODUCT SYNONYMS

IFN-gamma; Murine IFN-gamma Pre-Coated ELISA Kit; IFN-gamma elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Murine
Specificity	Natural and recombinant Murine IFN-gamma
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	31.2pg/mL-2,000pg/mL
Sensitivity	<5pg/ml
Components	Anti-Murine IFN-gamma Pre-coated 96-well strip microplate Murine IFN-gamma Standard Murine IFN-gamma Biotinylated antibody (100x) Avidin-Biotin-Peroxidase Complex (100x) Sample Diluent Antibody Diluent Avidin-Biotin-Peroxidase Diluent Wash Buffer Concentrate (Powder for 1000mL) Color Developing Reagent Stop Solution Plate Sealers
Interference	No detectable cross-reactivity with other relevant proteins
Preparation and Storage	Store the unopened product at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN-gamma elisa kit	IFN-gamma is an acid-labile interferon produced by CD4 and CD8 T lymphocytes, as well as activated NK cells. IFN-gamma receptors are present in most immune cells, which respond to IFN-gamma signaling by increasing the surface expression of class I MHC proteins. This promotes the presentation of antigen to T-helper (CD4+) cells. IFN-gamma signaling in antigen-presenting, cells and antigen-recognizing B and T lymphocytes, regulates the antigen-specific phases of the immune response. Additionally, IFN-gamma stimulates a number of lymphoid cell functions, including the anti-microbial and anti-tumor responses of macrophages, NK cells, and neutrophils. Human IFN-gamma is species-specific and is biologically active only in human and primate cells. Murine IFN-gamma Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Murine IFN-gamma with a 96-well strip plate that is pre-coated with rat monoclonal antibody specific for IFN-gamma. It contains E Coli-expressed recombinant Murine IFN-gamma. The detection antibody is a biotinylated goat polyclonal antibody specific for IFN-gamma. The kit is analytically validated with ready to use reagents.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33468859
NCBI GeneID	15978
NCBI Accession #	NP_032363.1
NCBI GenBank Nucleotide #	NM_008337.3
UniProt Accession #	P01580; Q542B8
Molecular Weight	17,907 Da
NCBI Official Full Name	interferon gamma
NCBI Official Synonym Full Names	interferon gamma
NCBI Official Symbol	Ifng
NCBI Official Synonym Symbols	Ifg; IFN-g
NCBI Protein Information	interferon gamma; IFN-gamma; gamma interferon
UniProt Protein Name	Interferon gamma
UniProt Gene Name	Ifng
UniProt Synonym Gene Names	IFN-gamma
UniProt Entry Name	IFNG_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.