

Sheep interferon, gamma ELISA Kit | IFNG elisa kit

Sheep Interferon gamma, IFN-gamma ELISA Kit

CATALOG #
AAA80505

REACTIVITY
Sheep

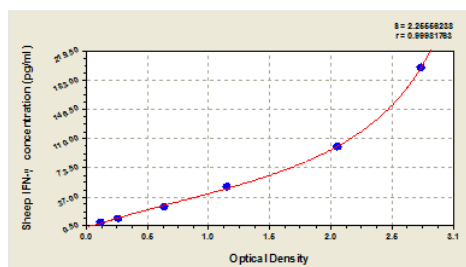
PRODUCT SYNONYMS

interferon; gamma; Sheep Interferon gamma; IFN-gamma ELISA Kit; IFG; IFI; ; IFNG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of sheep IFN-gamma. No significant cross-reactivity or interference between sheep IFN-gamma and analogues was observed.
Sequence Length	166
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	5 pg/ml -200 pg/ml.
Sensitivity	The minimum detectable dose of sheep IFN-gamma is typically less than 2.5 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest sheep IFN-gamma concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNG elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IFN-gamma has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for IFN-gamma. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IFN-gamma bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	57526764
NCBI GeneID	443396
NCBI Accession #	NP_001009803.1
NCBI GenBank Nucleotide #	NM_001009803.1
UniProt Accession #	P17773; Q20419
Molecular Weight	19,370 Da
NCBI Official Full Name	interferon gamma
NCBI Official Symbol	IFNG
NCBI Official Synonym Symbols	IFN-gamma
NCBI Protein Information	interferon gamma; gamma-interferon
UniProt Protein Name	Interferon gamma
UniProt Gene Name	IFNG
UniProt Synonym Gene Names	IFN-gamma
UniProt Entry Name	IFNG_SHEEP

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://www.aaabiotech.com/ifng-sheep-elisa-kits/interferon-gamma/80505>