

Sheep IFNg (Interferon Gamma) ELISA Kit | IFNg elisa kit

Sheep IFNg (Interferon Gamma) ELISA Kit

CATALOG #
AAA277976

REACTIVITY
Sheep

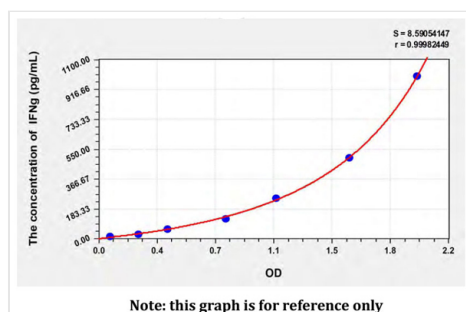
PRODUCT SYNONYMS

IFNg (Interferon Gamma); Sheep IFNg (Interferon Gamma) ELISA Kit; IFN gamma; IFN-G; IFG; IFI; INFr; IFN; Immune Interferon; IFNg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of Sheep IFNg. No significant cross-reactivity or interference between Sheep IFNg and analogues was observed.
Assay Type	Sandwich
Detection Range	15.63-1000 pg/mL
Sensitivity	5.9 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNg elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Sheep IFNg. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep IFNg. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Sheep IFNg, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Sheep IFNg in the samples is then determined by comparing the OD of the samples to the standard curve.

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
UniProt Protein Name	Interferon gamma
UniProt Gene Name	IFNG
UniProt Synonym Gene Names	IFN-gamma

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/sheep-elisa-kits/ifng-interferon-gamma/277976>