

Human IFN Gamma/IFNG/Interferon Gamma ELISA Kit | IFNGamma/IFNG elisa kit

Human IFN Gamma/IFNG/Interferon Gamma PicoKine Quick ELISA Kit

CATALOG # AAA128046	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

IFN Gamma/IFNG/Interferon Gamma; Human IFN Gamma/IFNG/Interferon Gamma PicoKine Quick ELISA Kit; IFNGamma/IFNG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants and serum
Assay Range	15.6pg/ml-1,000pg/ml
Sensitivity	<2pg/ml
Capture antibody and Detection antibody	monEK0373oclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: Q24-Q166
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for IFNGamma/IFNG elisa kit	ELISA
Kit Components	Description/Quantity/Volume Pre-coated 96-well Strip Microplate/1/12 strips of 8 wells Standard/2, 10 ng/tube HRP-Linked Antibody/1/6ml Sample Diluent/1/15ml TBS-T Wash Buffer (25x)/1/12ml Color Developing Reagent (TMB)/1/10ml Stop Solution/1/10ml Adhesive plate sealers/2/Piece
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Automated plate washer (optional) Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution. Horizontal orbital microplate shaker capable of maintaining a speed of 500rpm, amplitude 3mm.
Sample Data	Concentration (pg/ml)015.631.262.51252505001000O.D.0.0230.0980.1670.3140.5950.7481.8462.068
Intra Assay Consistency & Inter Assay Consistency	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 134383736361.474%Sample 21501521641661587.074.4%Sample 34694464584684609.282%*number of samples for each test n=16.
Reproducibility	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)3415046933139437Standard deviation1.738.729.541.919.7331.9CV (%)7.3%5.8%7%5.8%7%7.3%
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Human IFN Gamma PicoKine Quick ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IFNGamma/IFNG elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for IFNGamma/IFNG elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	56786138
NCBI GeneID	3458
NCBI Accession #	NP_000610.2
NCBI GenBank Nucleotide #	NM_000619.2
UniProt Accession #	P01579 ; Q53ZV4 ; B5BU88
Molecular Weight	19,348 Da
NCBI Official Full Name	interferon gamma
NCBI Official Synonym Full Names	interferon, gamma
NCBI Official Symbol	IFNG
NCBI Official Synonym Symbols	IFG; IFI
NCBI Protein Information	interferon gamma; IFN-gamma; immune interferon
UniProt Protein Name	Interferon gamma
UniProt Gene Name	IFNG
UniProt Synonym Gene Names	IFN-gamma
UniProt Entry Name	IFNG_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.