VeriKine-HS Mouse Interferon Beta Serum ELISA Kit

The world's most sensitive Mouse IFN Beta ELISA

PBL's 96-well high sensitivity ELISA kit will equip you with the most sensitive and consistent tool for accurately measuring Mouse IFN-β in serum and plasma matrices. This kit quantitates Mouse Interferon Beta (IFN-β) in sera, plasma and tissue culture media by sandwich enyzme linked immunosorbent assay (ELISA). Interferon binds to plates coated with antibody and detection is accomplished using a detection antibody followed by streptavidin conjugated to horseradish peroxidase (HRP). This ELISA kit utilizes Tetramethyl-benzidine (TMB) as the substrate. Purified, recombinant mouse IFN-β expressed in mammalian cells is provided as the standard. The sensitivity provided by this kit, to less than 1 pg/ml in serum and plasma, will propel your mouse studies and help uncover insights into the pathology of diseases.

Citations: 5 View Online »

Ordering Information

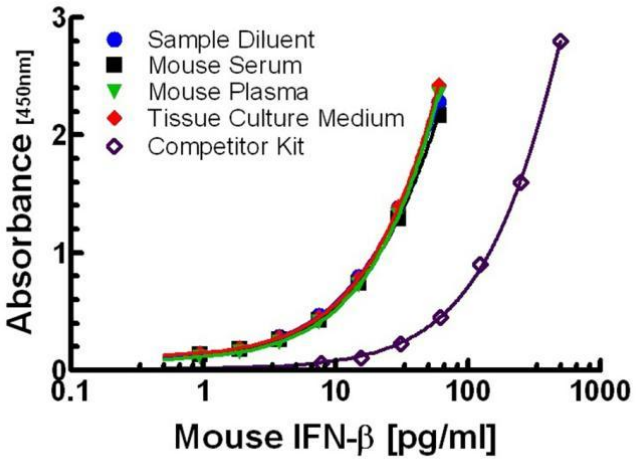
Order Online »

PBL-42410-1	96 wells
PBL-42410-2	5x96 wells

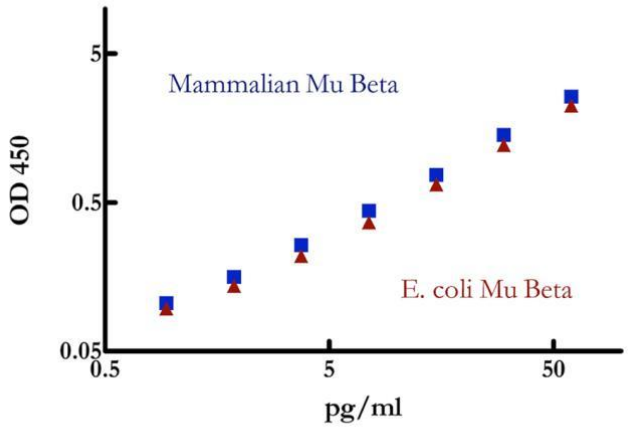
Manuals, SDS & CofA

View Online »

- Mouse IFN-Beta ELISA with 0.94 pg/ml LLOQ for accurate quantitation of mouse interferon beta protein
- Compatible with serum, plasma, and tissue cultre media (TCM)
- Provides reproducible results with inter- & intra-assay CVs of < 10%
- Total assay time of ~2 hours



Typical standard curve in a variety of matrices for PBL's High-Sensitivity Mouse IFN-Beta ELISA (42410) and another supplier's ELISA in assay buffer



Comparison of mammalian Cell- and E.coli-expressed Mouse IFN-Beta detection using PBL's 42410 ELISA kit

Concentration (pg/ml)	2.5	10	50
Intra-Assay CV	5.7%	5.5%	5.5%
Inter-Assay CV	8.3%	6.3%	4.8%
Average Recovery	98%	92%	94%

Intra- and Inter-assay CVs and average percent recoveries using PBL's high sensitivity Mouse IFN-Beta ELISA (42410)

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	IFN-β, Interferon-β
Application	ELISA
Application Notes	Quantitative determination of Mu-IFN Beta in serum, plasma and tissue culture media
Assay Time	Incubation time: 1 hour, 50 minutes
Contents	Pre-coated microtiter plate(s), Plate Sealers, Wash Solution Concentrate, Mouse Interferon Beta Standard (10,000 pg/ml), Sample Diluent, Serum Buffer, Antibody Concentrate, Antibody Diluent, HRP Conjugate Concentrate, HRP Diluent, TMB Substrate, Stop Solution
Crossreactivity	No cross-reactivity against mouse: IFN-α A, IFN-α 4. IFN-α 11. IFN-α 13, IFN-γ, IL-6, Limitin, TNF-α; human: IFN-α A, IFN-β, IFN-γ, IFN-ω; rat: IFN-α, IFN-β, IFN-γ; swine: IFN-α, IFN-β
Sensitivity	0.94 – 60 pg/ml
Species Reactivity	Mouse

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.