

Human IFN-beta ELISA Kit

Catalog No. CKH325

Quantity: 5 x 96 tests

Description This kit quantitates human Interferon-beta in media using a sandwich immunoassay. The kit is based on ELISA with streptavidin conjugated to horseradish peroxidase (HRP). Tetramethyl-benzidine (TMB) is the substrate. The assay is based on the international reference standard for human IFN-beta provided by the National Institutes of Health.

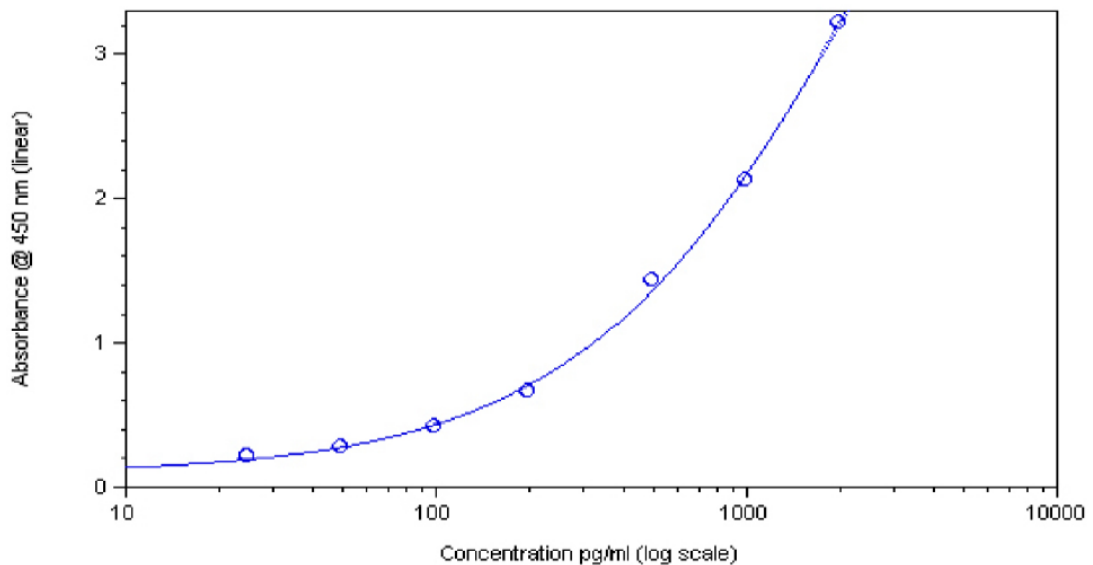
Kit Contents

- Pre-coated microtiter plates and plate sealers
- Wash Solution Concentrate
- Human IFN-beta Standard 100,000 pg/ml (stock solution)
- Sample Diluent
- Antibody Concentrate
- HRP Conjugate Concentrate
- Concentrate Diluent
- TMB Substrate Solution
- Stop Solution

Specificity Human IFN-beta. No cross-reactivity with human IFN-alpha, human IFN-gamma, mouse IFN-beta, or rat IFN-beta.

Speed 3 hours 15 minutes

Typical Data



Spike Recovery > 90%

Reproducibility Intra-Assay: CV \leq 8%
Inter-Assay: CV \leq 8%



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Storage and Stability

- For full activity retention, store all reagents except the IFN standard at 2-4°C in the dark.
- Store IFN standard at -20°C for one time use only.

NOT FOR HUMAN USE. FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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