VeriKine-HS Human Interleukin 15 ELISA Kit

PBL's IL-15 ELISA measures both IL-15 alone and IL-15/IL15Rα complexes in Tissue Culture Media (TCM), and complex matrices such as serum and plasma. It can also quantitate IL-15 in healthy donor matrices. The standard in this assay is the IL-15/IL-15R heterodimer but because the antibodies used are specific for IL-15, the standard curve is calibrated to the IL-15 portion of the complex. Different forms of the IL-15 receptors (IL15-R) may couple to free IL-15 protein. This assay can detect both free IL-15 and bound IL-15/IL-15R.

Citations: 1 View Online »

Ordering Information

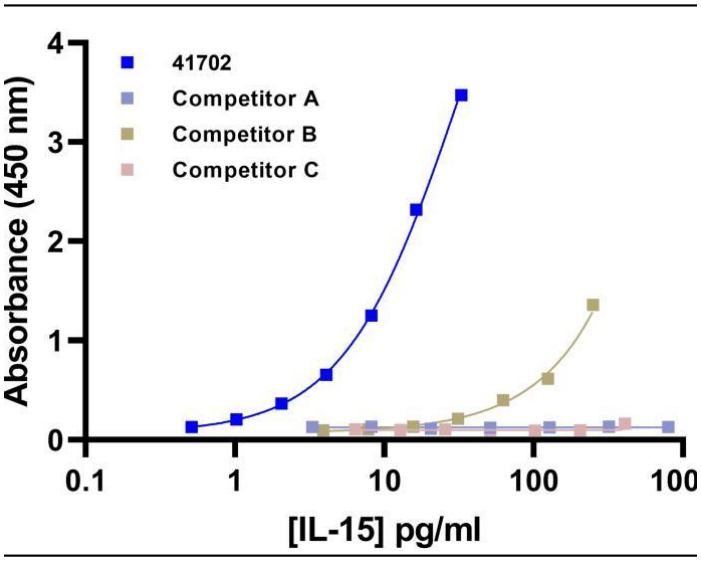
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PBL-41702-1	96 wells

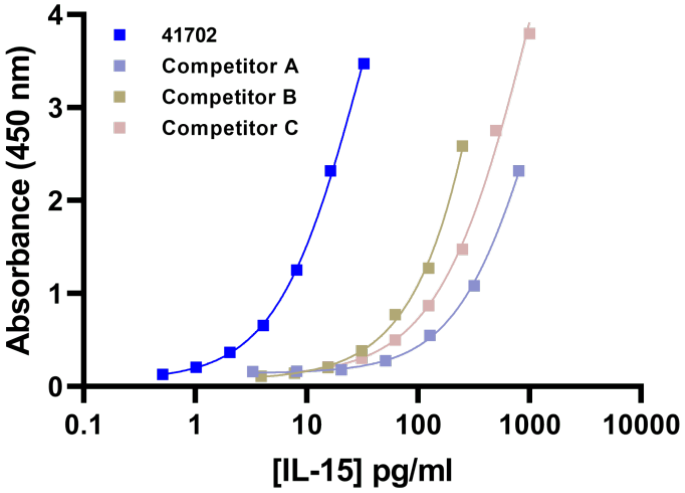
Manuals, SDS & CofA

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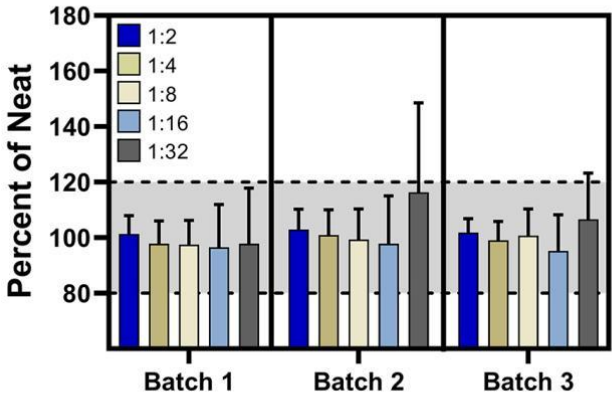
- Measures endogenous human IL-15 at or near basal level with LLOQ of 0.51 pg/ml in serum, plasma, and cell culture media
- Detects both free and bound form of IL-15 (IL-15/IL-15R complex)
- Reproducible results with inter- and intra-CVs <10% in all tested matrices



Comparison on Measuring Human IL-15/IL-15Ra complex



Comparison of Standard curves



PBL 41702 ELISA Linearity study in Normal donor serum

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	IL-15
Application	ELISA
Application Notes	Quantitative determination of Hu-IL-15 in serum, plasma and tissue culture media
Assay Time	4 hours
Contents	Pre-Coated Micro-Titer Stripwell Plate/Sealers, Antibody Concentrate, HRP Conjugate Concentrate, Concentrate Diluent, HRP Diluent, TMB Substrate Solution, Stop Solution
Crossreactivity	No cross-reactivity detected with human IL-2, IL-4, IL-7, IL-9, IL-21, IFN-α, IFN-β1a, IFN-γ, IFN-ω; cynomolgus IFN-α2; cynomolgus/rhesus IFN-α; mouse IL-15, IFN-αA, IFN-β, IFN-γ; rat IL-15, IFN-α1, IFN-α14, IFN-β, IFN-γ; bovine IFN-Tau2 or pig IFN-α.
Sensitivity	0.51 – 32.8 pg/ml
Species Reactivity	Human

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