

R&D SYSTEMS[®]
a **biotechne** brand

Human Luminex[®] XL Cytokine 45-PLEX



Why Choose the Human XL Cytokine Discovery Luminex® High Performance Assay?

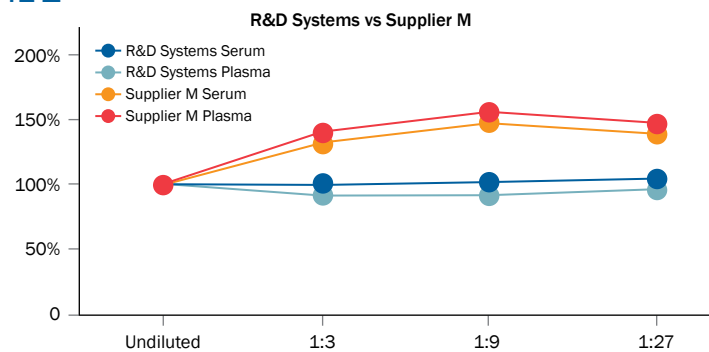
- **Broad Selection:** Strategically pre-configured panel designed to be thorough and accurate or you can choose any combination or subset of 45 analytes.
- **Reliable and Accurate Data:** Our carefully formulated diluents minimize false positive results and allow for the most accurate measurements of target analytes.
- **Superior Accuracy:** We tested our Human XL Cytokine Discovery Panel side-by-side with assays from other leading suppliers, and our panel outperformed the competition when tested for linearity of dilution.
- **Flexible and Easy to Order:** Order any combination of analytes within the panel directly from the product datasheet.

Get Performance and Results You Can Trust

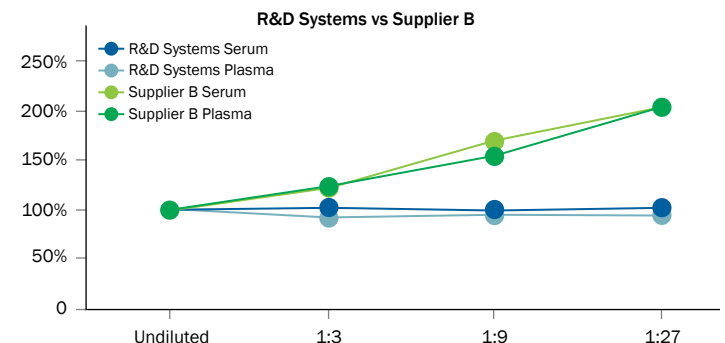
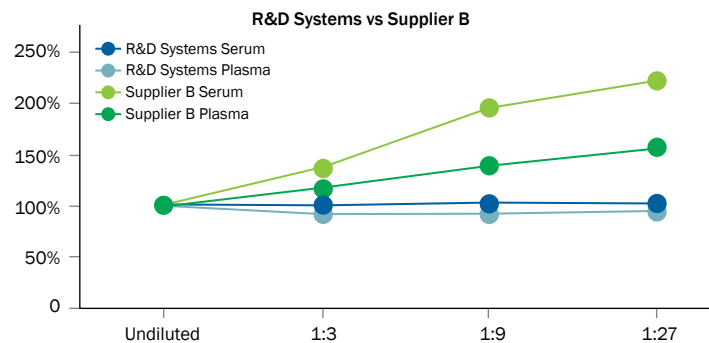
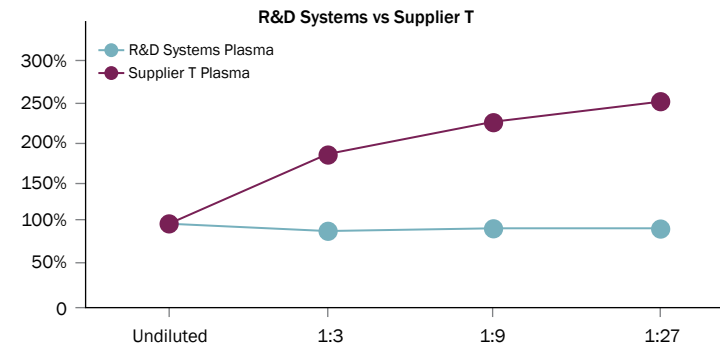
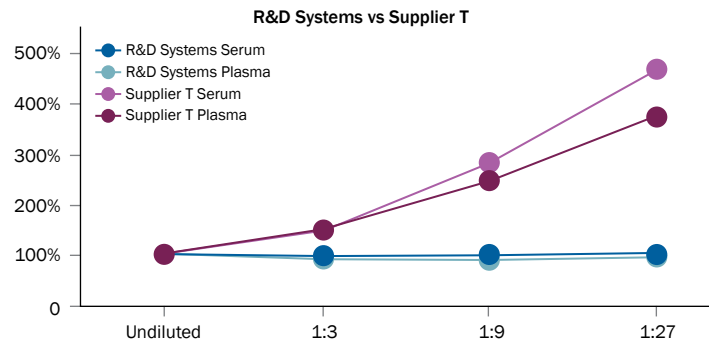
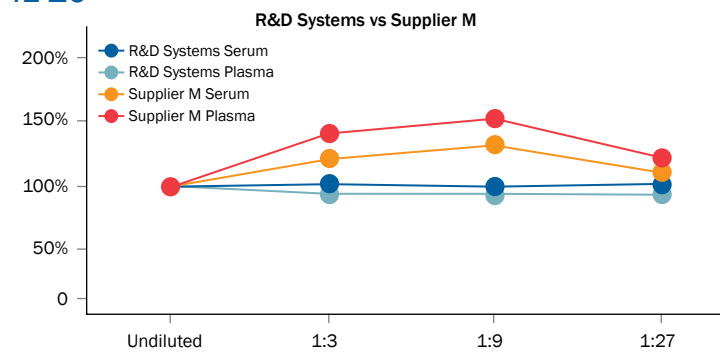
Our High Performance Luminex Assays are the most rigorously validated Luminex assays on the market. Our High Performance assays are designed to yield the best possible data in terms of linearity of dilution, sensitivity, reproducibility, spike and recovery, specificity and detection of endogenous protein. They are also validated against the industry standard Quantikine® kits, the most trusted ELISA assay on the market.

The XL Cytokine Discovery Luminex Panel outperformed other suppliers' assays when tested for linearity of dilution, an industry standard method for assessing assay accuracy.

IL-2

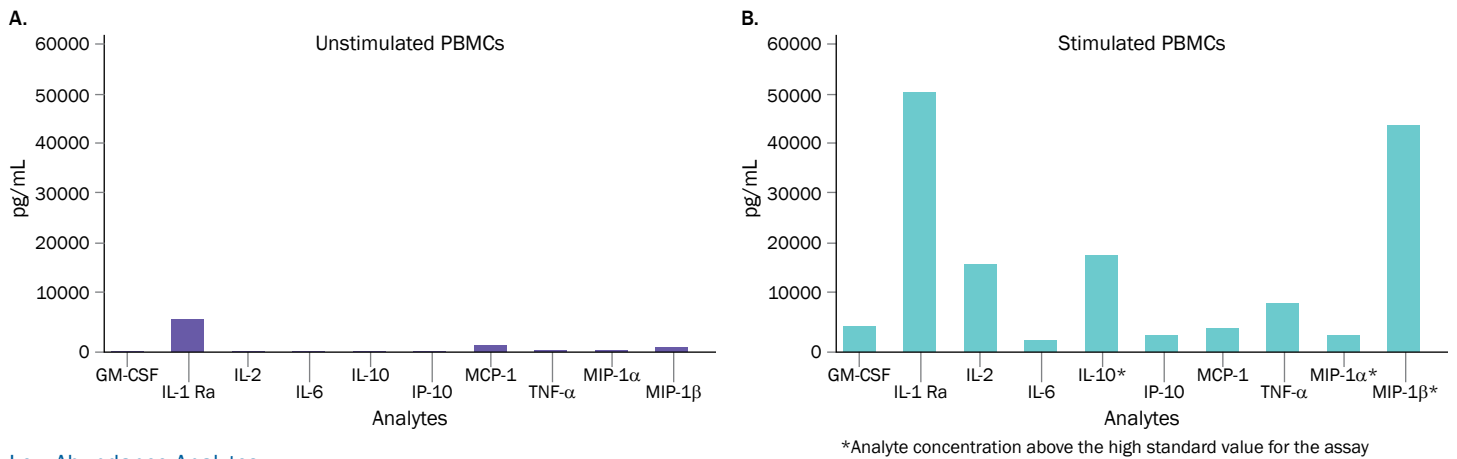


IL-10

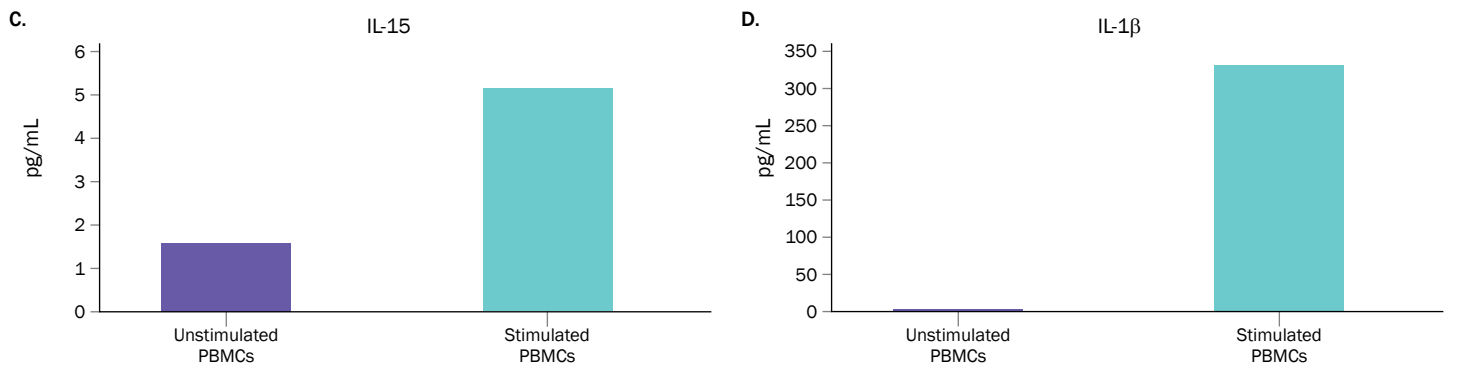


A Great Tool to Monitor Cytokine-Release Syndrome (CRS)

One of the most prominent toxicities associated with cancer immunotherapy is CRS, which can be fatal if not properly identified and managed. The XL Cytokine Discovery Panel offers the most reliable and accurate way to measure CRS-associated inflammatory cytokines.



Low Abundance Analytes



XL Cytokine Discovery Panel detects the inflammatory response of CRS biomarkers.

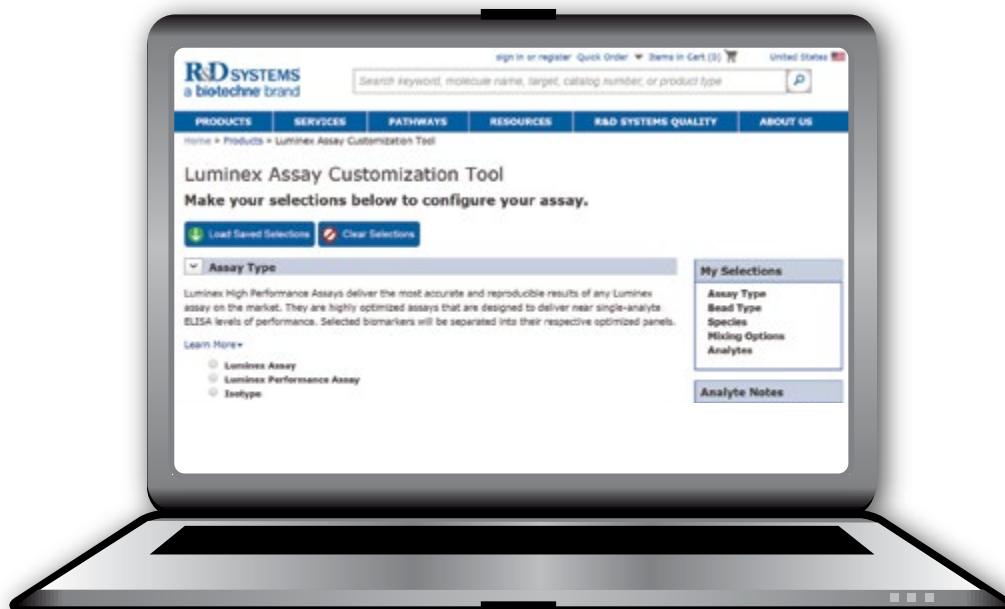
- A.** Quantification of CRS analytes in unstimulated PBMC cell supernatant.
- B.** Quantification of CRS analytes in PBMC cell supernatant after cell stimulation with anti-CD3ε and anti-CD28 (TGN1412).
- C.** IL-15 measured in unstimulated PBMC cell supernatant and after cell stimulation with anti-CD3ε and anti-CD28 (TGN1412).
- D.** IL-1β abundance analyte measured in unstimulated PBMC cell supernatant and after cell stimulation with anti-CD3ε and anti-CD28 (TGN1412).

Analytes Available from the Human XL Cytokine Discovery Panel

CD40 Ligand	IFN-β	IL-10	MIP-3 β/CCL19
EGF	IFN-γ	IL-12 p70	PD-L1/B7-H1
Eotaxin/CCL11	IL-1α	IL-13	PDGF-AA
FGF basic/FGF-2	IL-1β	IL-15	PDGF-BB
Flt-3 Ligand	IL-1ra	IL-17A	RANTES/CCL5
Fractalkine/CX3CL1	IL-2	IL-17E/IL-25	TGF-α
G-CSF	IL-3	IL-33	TNF-α
GM-CSF	IL-4	IP-10/CXCL10	TRAIL
Granzyme B	IL-5	MCP-1/CCL2	VEGF
Gro-α/CXCL1	IL-6	MIP-1 α/CCL3	
Gro-β/CXCL2	IL-7	MIP-1 β/CL4	
IFN-α	IL-8/CXCL8	MIP-3 α/CCL20	

Human XL Discovery Panel Catalog #'s Premix: FCSTM18 Usermix: LUXLM000

Order your XL Discovery Panel Today!



Learn more | rndsystems.com/human-xl

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