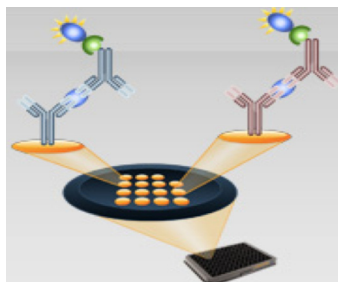


## Multiplex ELISA

# Q-Plex™ Multiplex Cytokine Arrays

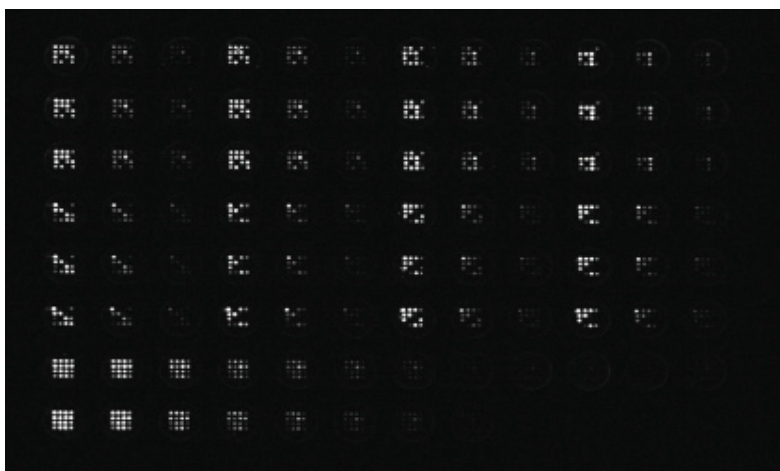
## Effective Cytokine Profiling For Less Cost



### Product Features:

- Up to 16 cytokines can be assayed in 2.5 hours
- Detection ranges from 30 pg/ml to less than 1 pg/ml
- Less than 30 µl sample requirement
- Compatible with serum, plasma, cell culture supernatant, tissue homogenates, lysates, nasal lavage, tears and urine

PBL InterferonSource is pleased to be the worldwide distributor of Q-Plex™ Multiplex Arrays by Quansys Biosciences. The Q-Plex™ (multiplex ELISA) arrays are fully quantitative ELISA-based tests where up to 16 distinct capture antibodies have been absorbed to each well of a 96-well plate in a defined array. Each spot represents a different distinct capture antibody population. The ability to assess multiple cytokines in one assay means more time to generate cohesive information and knowledge for researchers. Multiplex has consistently proven to be more efficient than traditional ELISAs in terms of time, cost and sample amount. However, not all multiplexing methods are equal. The Q-Plex™ Multiplex Arrays are applied in 96-well plates at a cost of under \$1.00 per data point, whereas other technologies employ membranes, chips, or even bead-based arrays at a cost that is two- to four-times higher per data point. The Quansys Q-Plex™ Array is an invaluable tool for the simultaneous detection of multiple analytes. It provides a platform that overcomes the shortfalls of both conventional ELISA assays and predecessor multiplex technologies to provide the researcher an easy and cost-effective means of exploring the complexity and range of many biological analytes. In short, the Quansys Q-Plex™ Array is faster, simpler and far less expensive than traditional ELISAs as well as other multiplex technologies and yields much more data using only minimal sample amounts. For more information, please visit our web site at: [www.interferonsource.com/multiplex](http://www.interferonsource.com/multiplex) or contact us at: [info@interferonsource.com](mailto:info@interferonsource.com).



Example Plate

## Q-Plex™ Multiplex Arrays

Catalog No.	Product Description	Antigen
110351HU	Q-Plex™ Human Cytokine-Stripwells (16-plex)	IL-1 $\alpha$ , IL-1 $\beta$ , IL-2, IL-4, IL-5, IL-6, IL-8, IL-10, IL-12p70, IL-13, IL-15, IL-17, IL-23, IFN- $\gamma$ , TNF- $\alpha$ , TNF- $\beta$
110451HU	Q-Plex™ Human Cytokine-Inflammation (9-plex)	IL-1 $\alpha$ , IL-1 $\beta$ , IL-2, IL-4, IL-6, IL-8, IL-10, IFN- $\gamma$ , TNF- $\alpha$
110951HU	Q-Plex™ Human Cytokine Screen (16-plex)	IL-1 $\alpha$ , IL-1 $\beta$ , IL-2, IL-4, IL-5, IL-6, IL-8, IL-10, IL-12p70, IL-13, IL-15, IL-17, IL-23, IFN- $\gamma$ , TNF- $\alpha$ , TNF- $\beta$
130251HU	Q-Plex™ Human Cytokine-IR (9-plex, infrared)	IL-1 $\alpha$ , IL-1 $\beta$ , IL-2, IL-4, IL-6, IL-10, IL-12p70, IFN- $\gamma$ , TNF- $\alpha$
130951HU	Q-Plex™ Human Cytokine-Screen IR (16-plex)	IL-1 $\alpha$ , IL-1 $\beta$ , IL-2, IL-4, IL-5, IL-6, IL-8, IL-10, IL-12p70, IL-13, IL-15, IL-17, IFN- $\gamma$ , MCP-1, TNF- $\alpha$ , TNF- $\beta$
120251HU	Q-Plex™ Human Chemokine (9-plex)	Eotaxin, FGF basic, HGF, IL-8, PDGF-BB, TIMP-1, TIMP-2, TNF- $\alpha$ , VEGF
150251HU	Q-Plex™ Human Angiogenesis (9-plex)	Ang-2, FGF basic, HGF, IL-8, PDGF-BB, TIMP-1, TIMP-2, TNF- $\alpha$ , VEGF
110351MS	Q-Plex™ Mouse Cytokine-Stripwells (16-plex)	IL-1 $\alpha$ , IL-1 $\beta$ , IL-2, IL-4, IL-5, IL-6, IL-8, IL-10, IL-12p70, IL-13, IL-15, IL-17, IL-23, IFN- $\gamma$ , TNF- $\alpha$ , TNF- $\beta$
110951MS	Q-Plex™ Mouse Cytokine-Screen (16-plex)	IL-1 $\alpha$ , IL-1 $\beta$ , IL-2, IL-3, IL-4, IL-5, IL-6, IL-10, IL-12p70, IL-17, MCP-1, IFN- $\gamma$ , TNF- $\alpha$ , MIP-1 $\alpha$ , GMCSF, RANTES
110451MS	Q-Plex™ Mouse Cytokine-Inflammation (14-plex)	IL-1 $\alpha$ , IL-1 $\beta$ , IL-2, IL-3, IL-4, IL-6, IL-10, IL-12p70, IL-17, MCP-1, TNF- $\alpha$ , MIP-1 $\alpha$ , GMCSF, RANTES
130251MS	Q-Plex™ Mouse Cytokine-IR (9-plex, Infrared)	IL-1 $\alpha$ , IL-1 $\beta$ , IL-2, IL-4, IL-6, IL-10, IL-12p70, IFN- $\gamma$ , TNF- $\alpha$
130951MS	Q-Plex™ Mouse Cytokine-Screen IR (16-plex)	IL-1 $\alpha$ , IL-1 $\beta$ , IL-2, IL-3, IL-4, IL-5, IL-6, IL-10, IL-12p70, IL-17, MCP-1, IFN- $\gamma$ , TNF- $\alpha$ , MIP-1 $\alpha$ , GMCSF, RANTES

PBL InterferonSource, a division of Pestka Biomedical Laboratories, Inc. based in Piscataway, NJ, is the world's largest manufacturer and distributor of interferons and related products to the life sciences research market. Founded in 1990 by Dr. Sidney Pestka, PBL continues to deliver high quality products and timely services to provide researchers first-choice resources and solutions. Q-Plex and Quansys trademark under Quansys Biosciences, Utah, USA

