

Need an inexpensive way to analyse multiple proteins?

Consider the BioPlex trial offer!

New technologies can advance your research, but evaluating new technologies can be expensive. Thus, we have launched a cost-sharing strategy that will enable researchers to perform small pilot studies on the BioPlex platform at a reasonable price.

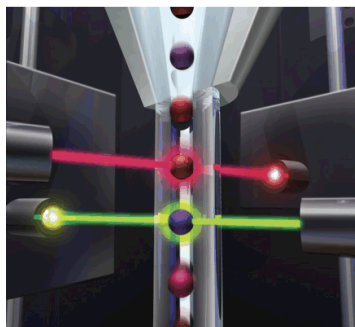
BioPlex platform for protein identification and quantification

Try the 27-plex Human Cytokine Panel or the 5-plex Human Phospho Signal Transduction Assay

27-plex panel includes:

IL-1 β , IL-1ra, IL-2, IL-4, IL-5,
IL-6, IL-7, IL-8, IL-9, IL-10,
IL-12 (p70), IL-13, IL-15,
IL-17, Eotaxin, Basic FGF,
G-CSF, GM-CSF, IFN- γ , IP-10,
MCP-1 (MCAF), MIP-1 α ,
MIP-1 β , PDGF-BB, RANTES,
TNF- α , VEGF

\$60 per
sample



5-plex Signal Transduction
assay detects:
phosphorylated Akt, ERK1/2,
I κ B- α , JNK, and p38 MAPK

\$25 per
sample

*Offer available for a
limited time -
contact us today!*

The Human 27-plex Cytokine assay (BioRad) was chosen as the cytokine assay for the trial evaluation of the BioPlex platform and the Human Phospho 5-plex panel was chosen as the signal transduction assay for the trial evaluation of the BioPlex platform.

Please let us know which assay you are interested in trying and how many samples you'd like to analyse. Also let us know if you are interested in another Luminex-based assay, or email us a list of your proteins of interest.

About the BioPlex and Luminex-based assays

Based on xMAP[®] technology (Luminex), this multi-analyte suspension array incorporates several technologies including fluorescently dyed microspheres (beads), flow cytometry, lasers and associated optics to measure the biochemical reactions that occur on bead surfaces, and a digital signal processor to manage the data. This fast and reproducible system has small sample requirements and offers greater flexibility than planar arrays. This multiplex analysis system can simultaneously analyse up to 100 different biomolecules (proteins, peptides, or nucleic acids).

Assays based on the xMAP[®] technology use a liquid suspension array with up to 100 uniquely colour-coded bead sets. Each bead is internally labelled with a specific ratio of two fluorophores to assign it a unique spectral address. Beads are then conjugated with different biomolecules allowing the capture of specific analytes from the sample. A fluorescently-labelled reporter molecule is then added to the sample in order to detect and quantitate each captured analyte. The beads are drawn through a flow cell where two lasers excite each bead. Fluorescent signals are recorded, translating the signals into data for each bead-based assay.

University Health Network Microarray Centre
"more than just microarrays"

http://www.microarrays.ca/services/bioplex_trial.html

E-mail geneservice@microarrays.ca for more information



UHN Microarray Centre