Cytometric Bead Assay (CBA) Workshop

Dear All,

I am pleased to invite you to a wet lab demonstration of CBA with your own samples – **free of charge**.

Courtesy of BD Israel, we have the **Human Th1/Th2/Th17 cytokine kit** for you to test with your own samples. The kit can measure seven cytokines at once; **IL2**, **IL4**, **IL6**, **IL10**, **TNF**, **IFN-γ**, and **IL17a**.

This **one-day workshop** is scheduled to Wednesday Feb 6th, 2019.

In the workshop, we will guide you through the assay protocol, from the initial assay setup to analyzing the data obtained with the FCAP Array dedicated software.

Workshop schedule:

9:00-9:15	Gathering
9:15-10:00	Preparing the assay, 1st incubation
10:15-11:15	CBA lecture
11:15-11:45	2nd incubation
11:15-12:30	Setting up the cytometer
12:30-13:00	Lunch break
13:00-15:00	Sample acquisition on cytometer
15:00-16:00	DATA ANALYSIS

Who should attend?
If you answer yes to one or more of the following sentences you should attend the workshop:

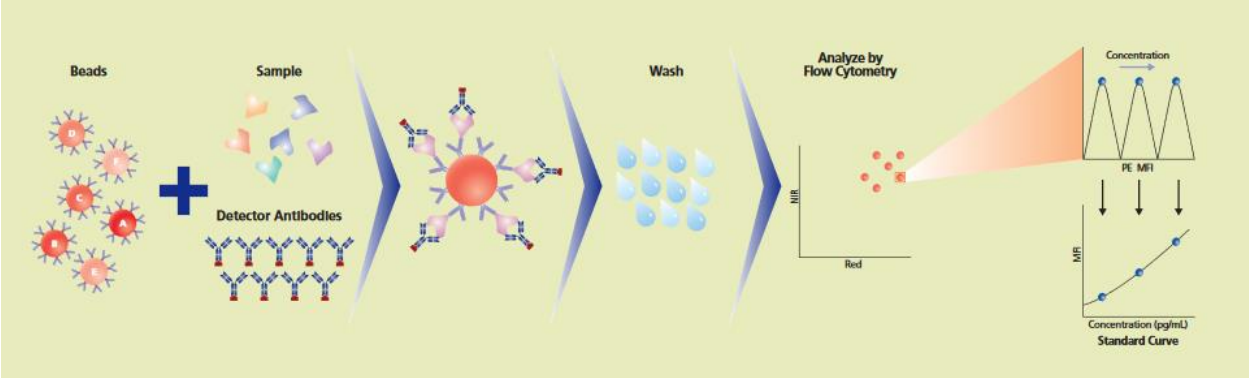
- You are measuring numerous secreted or intracellular proteins by ELISA
- You wish you could combine all ELISAs to one run per sample
- You wish to measure different cytokines in one sample
- You have limited human sample to analyze
- You wish to understand which immune response is activated in your model; whether it is Th1, Th2 or Th17
- You need a break from your Lab

The workshop is open to everyone with or without samples. However since sits are limited, if you do have samples to analyze – please drop me a line here stating how many samples you have, sample origin (sup, serum etc.) and sample state (activated, resting etc.).

About the assay

Cytometric Bead Array is a flow cytometry application that allows users to quantify multiple proteins simultaneously. The BD CBA system uses the broad dynamic range of fluorescence detection offered by flow cytometry and antibody-coated beads to efficiently capture proteins of interest. The assay is ideally designed for a multiplexed analysis of secreted soluble proteins such as cytokines, chemokines and others in media. Multiplexing is especially useful when only a small amount of sample is available, maximizing the number of proteins that can be analyzed per sample.

Each bead in the array, that targets a specific protein, has a unique fluorescence intensity so that beads can be mixed and run simultaneously in a single tube. This method significantly reduces sample requirements and time to results in comparison with traditional ELISA and Western blot techniques.



CBA assay Workflow. BD Biosciences