

MABTECH

EYRAplex 

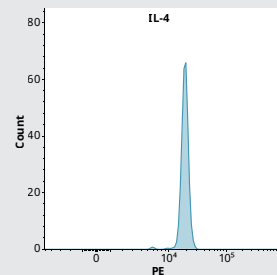
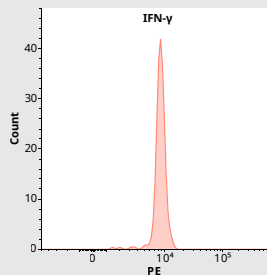
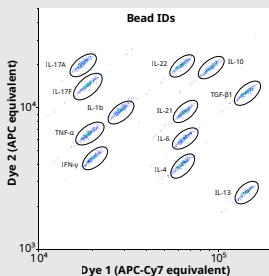
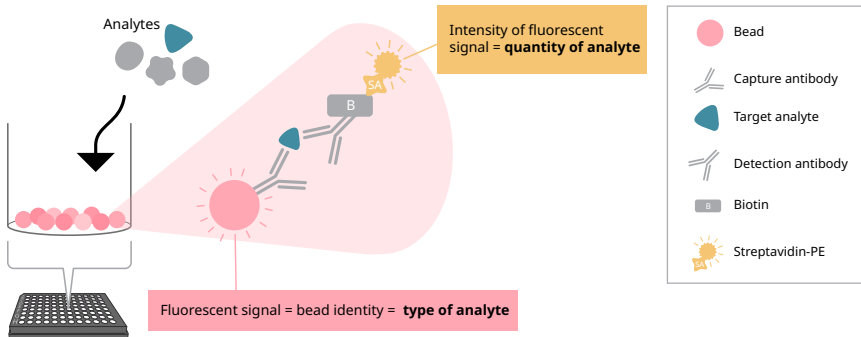
Multiplex kits (also) for flow

EYRAplex: simply trustworthy kits

Combining our trusted monoclonal antibody pairs with magnetic beads, EYRAplex assays are designed to deliver reliable results every time. Perfect for measuring **>30 analytes in a single well**, saving you time, resources, and precious samples.

EYRAplex multiplex kits were made for being analyzed on EYRA, but did you know they work perfectly well also on flow cytometers?

- ✓ Optimized antibody pairs
- ✓ Inter and intra-assay precision CVs under 10–15%
- ✓ Magnetized washing
- ✓ Goodbye heterophilic interference
- ✓ Works with most flow cytometers – APC, APC-Cy7, and PE channels

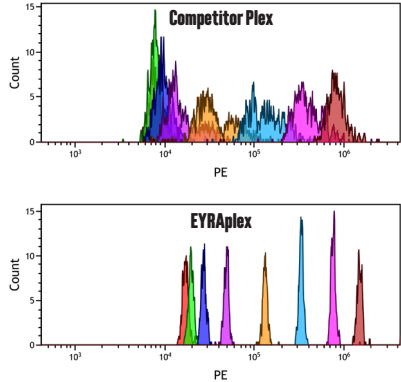


EYRAplex assays can be read on most flow cytometers. Simply gate the Bead IDs with each kit's included gate map and export the PE MFI values from each gate for

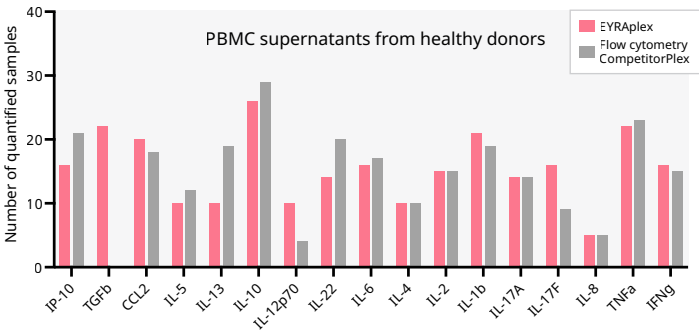
analysis in Mabtech Opal software. The software generates the standard curve and concentrations of the unknown samples automatically.

No guesswork, just great data

EYRAplex kits have been meticulously developed to provide quality results every single time. When benchmarking against other common flow-based multiplex assays, EYRAplex results in sharp PE signals, giving you confidence in your analyte quantitation. And EYRAplex is as sensitive and even outperforms competitors in healthy samples.



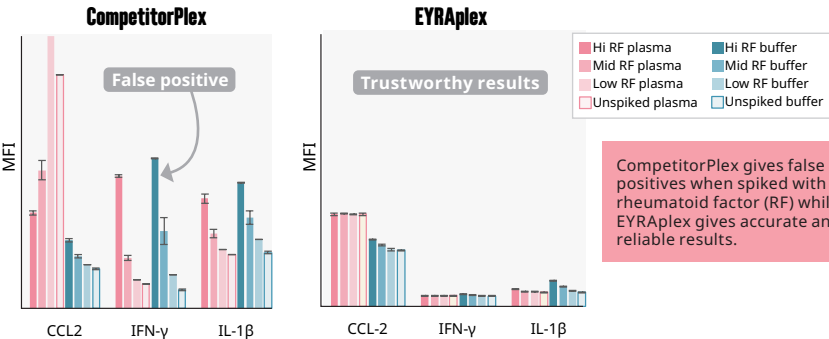
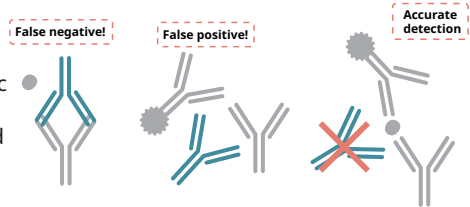
All the sensitivity in a higher plex assay



Cell supernatants from cells stimulated with common mitogens were analyzed in parallel with EYRAplex and a CompetitorPlex. EYRAplex showed comparable sensitivity with the added benefit of higher plex and mitigation of false positives and negatives common in human samples (see below).

Accuracy in clinical samples

Not all samples are healthy. Clinical serum and plasma samples are prone to heterophilic interference giving false positives or false negatives. EYRAplex fixes that with optimized antibody pairs and novel assay diluent.



CompetitorPlex gives false positives when spiked with rheumatoid factor (RF) while EYRAplex gives accurate and reliable results.

Validated multiplex assays – also for flow

Every EYRAplex kit is validated on both Mabtech EYRA and flow cytometers. Setting up the assay on flow instruments is straightforward with the included Flow Setup EYRAbeads to help you set

proper voltages and gains on your specific cytometer. The 5PL curve fit and analyte quantitation is done using Mabtech Opal software (available even if you don't have an EYRA!) directly from the PE MFI values exported from your flow software.

Human panels

- Th1/Th2 panels: 7-, 10-, and 17-plex
- Th17/Th22 panel: 12-plex
- Proinflammatory panels: 8- and 12-plex
- T reg panel: 12-plex
- In vitro cytokine release panel: 8- and 15-plex
- Chemokine panel: 6-plex
- Cytokine panel: 27-plex
- Cytokine storm: 20-plex
- Viral panel: 13- and 18-plex

Mouse panels

- Th1/Th2 panels: 7-plex
- Proinflammatory panels: 6-plex

Customization

- EYRAplex Flex - design your own panel
- EYRAbeads - homebrew assays

	EYRAplex on flow	CompetitorPlex on flow
Analyze > 30 analytes at once	✓	-
Goodbye heterophilic antibody interference	✓	-
Robust magnetic washing	✓	-
Sharp peaks	✓	-
Mabtech Opal curve fitting	✓	-
Flow Setup EYRAbeads	✓	-

Scan to find out more

