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Multiplex cytokine array analysis

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Protocol status: Working

We use this protocol and it's working

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Abstract

Multiplex cytokine array analysis



Multiplex cytokine array analysis

- 1 Prepare the LEGENDplex™ bead-based immunoassay according to the manufacturer's protocol (BioLegend GmbH, Germany)
- 2 Measure cytokine levels in cell supernatants using the Human Essential Immune Response Panel (BioLegend GmbH, 740930)
- 3 Include the following cytokines in the analysis: IL-1 β , IL-4, IL-6, TNF- α , and IL-8
- 4 Use a Sony ID7000™ spectral cell analyzer (Sony Biotechnology, USA) to analyze the samples
- 5 Record data for more than 300 beads per sample for each target cytokine.
- 6 Analyze the data using LEGENDplex™ BioLegend software