



[Home](#) > [Life Science Research](#) > [Products](#) > [Bio-Plex® Suspension Array System](#) > [Bio-Plex Pro™ Magnetic Cytokine, Chemokine, and Growth Factor Assays](#) > [Bio-Plex Pro™ Human Chemokine Assays](#) > Bio-Plex Pro Human Cytokine 27-plex Assay

Bio-Plex Pro Human Cytokine 27-plex Assay #M50-0KCAF0Y

1 x 96-well, includes coupled magnetic beads, detection antibodies, standards, reagents, and diluents for detecting 27 human cytokines all in one kit



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Description Specifications

The Bio-Plex Pro™ human cytokine 27-plex immunoassay is a 1 x 96-well kit that includes coupled magnetic beads, detection antibodies, standards, assay buffer, wash buffer, sample diluent, standard diluent, detection antibody diluent, streptavidin-PE, a filter plate, and sealing tape. This multiplex assay detects:

- IL-1β
- 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
- basic FGF
- eotaxin
- G-CSF
- GM-CSF
- IFN-γ
- IP-10
- MCP-1 (MCAF)
- MIP-1α
- MIP-1β
- PDGF-BB
- RANTES
- TNF-α
- VEGF

Based on 6.5 μm magnetic beads, it is compatible with both vacuum and magnetic wash stations. Magnetic washing simplifies plate processing, provides increased throughput, and results in decreased variability and increased reproducibility.

Key Features

- Magnetic beads for simplified plate processing
- All-in-one, space-saving complete kit
- Premixed standards for generation of curves over a broad dynamic range for each target

Other Assay Formats Available

- Custom premixed assays: available as [Bio-Plex® x-Plex™ assays](#)
- Custom assays (mixed at the bench): available as [Bio-Plex Express assays](#)
- Singleplex sets (each set includes a vial of coupled magnetic beads and a vial of detection bodies; requires a reagent kit (#171-304070) and a vial of standards (#171-D50001) for a complete assay)

For multiplexing capabilities with other cytokines, refer to bulletin 5927. For multiplexing capabilities with diabetes assays, refer to bulletin 5975.

Instrument Compatibility

- Bio-Plex 200 system
- Bio-Plex 3D system
- Bio-Plex Pro wash station
- Bio-Plex Pro II wash station