

GeniePlex Human Sepsis Multiplex Panel, 16-Plex

Catalog Number: AKME024

Price: [Online Inquiry](#)

Product Information	
Product Name	GeniePlex Human Sepsis Multiplex Panel, 16-Plex
Analytes	IFN-Gamma IL-1-Alpha IL-1 Beta IL-6 IL-8 IL-10 IL-12p70 IL-13 IL-17A IL-27 IL-31 IL-33 IP-10 MCP-1 MIP-1-Alpha TNF-Alpha
Reactivity	Human
Sensitivity	IFN-Gamma: < 3 pg/mL, IL-1-Alpha: < 2 pg/mL, IL-1-Beta: < 5 pg/mL, IL-6: < 5 pg/mL, IL-8: < 1 pg/mL, IL-10: < 2 pg/mL, IL-12p70: < 3 pg/mL, IL-13: < 5 pg/mL, IL-17A: < 3 pg/mL, IL-27: < 5 pg/mL, IL-31: < 5 pg/mL, IL-33: < 5 pg/mL, IP-10: < 3 pg/mL, MCP-1: < 5 pg/mL, MIP-1-Alpha: < 2 pg/mL, TNF-Alpha: < 1 pg/mL
Detection Method	Flow Cytometry
Assay Time	2 hours
1x Ab-conjugated beads (premixed)	S4P2 - anti-human MIP-1-Alpha, S4P3 - anti-human TNF-Alpha, S4P4 - anti-human IP-10, S4P6 - anti-human IL-1-Beta, S4P7 - anti-human IL-27, S4P9 - anti-human IFN-Gamma, S4P10 - anti-human IL-8, S4P11 - anti-human IL-31, S4P12 - anti-human IL-12p70, S5P1 - anti-human MCP-1, S5P2 - anti-human IL-1-Alpha, S5P6 - anti-human IL-6, S5P7 - anti-human IL-33, S5P9 - anti-human IL-17A, S5P10 - anti-human IL-10, S5P12 - anti-human IL-13
2x Biotin-detection Ab (premixed)	Biotin - anti-human MIP-1-Alpha, Biotin - anti-human TNF-Alpha, Biotin - anti-human IP-10, Biotin - anti-human IL-1-Beta, Biotin - anti-human IL-27, Biotin - anti-human IFN-Gamma, Biotin - anti-human IL-8, Biotin - anti-human IL-31, Biotin - anti-human IL-12p70, Biotin - anti-human MCP-1, Biotin - anti-human IL-1-Alpha, Biotin - anti-human IL-6, Biotin - anti-human IL-33, Biotin - anti-human IL-17A, Biotin - anti-human IL-10, Biotin - anti-human IL-13
Buffers	2x NR dAb Diluent. One vial containing 1.5 mL of biotin detection antibody diluent.
Lyophilized Standard Mix	Lyophilized Standard Mix- Human Inflammation 16-Plex. Vials A, B and C containing lyophilized recombinant human IFN-Gamma, IL-1-Alpha, IL-1 Beta, IL-6, IL-8, IL-10, IL-12p70, IL-13, IL-17A, IL-27, IL-31, IL-33, IP-10, MCP-1, MIP-1alpha, TNF-Alpha.
LLOQs	IFN-Gamma: <10 pg/mL, IL-1-Alpha: <5 pg/mL, IL-1-Beta: <10 pg/mL, IL-6: <10 pg/mL, IL-8: <1 pg/mL, IL-10: <5 pg/mL, IL-12p70: <10 pg/mL, IL-13: <10 pg/mL, IL-17A: <10 pg/mL, IL-27: <10 pg/mL, IL-31: <10 pg/mL, IL-33: <10 pg/mL, IP-10: <10 pg/mL, MCP-1: <5 pg/mL, MIP-1-Alpha: <5 pg/mL, TNF-Alpha: <2 pg/mL.
ULOQs	IFN-Gamma: >2,000 pg/mL, IL-1-Alpha: >2,000 pg/mL, IL-1-Beta: >5,000 pg/mL, IL-6: >5,000 pg/mL, IL-8: >1,000 pg/mL, IL-10: >5,000 pg/mL, IL-12p70: >2,000 pg/mL, IL-13: >5,000 pg/mL, IL-17A: >1,000 pg/mL, IL-27: >5,000 pg/mL, IL-31: >5,000 pg/mL, IL-33: >5,000 pg/mL, IP-10: >2,000 pg/mL, MCP-1: >5,000 pg/mL, MIP-1-Alpha: >2,000 pg/mL, TNF-Alpha: >1,000 pg/mL.

Product Information

Standard dose recovery	70-130%
Intra-assay CV	Intra-assay CV: <10%
Inter-assay CV	Inter-assay CV: <20%
Sample volume	15 µL/test