

GeniePlex Human Cytokine 14-Plex Panel 1 (96 tests)

Catalog Number: AKME011

Price: [Online Inquiry](#)

Product Information	
Product Name	GeniePlex Human Cytokine 14-Plex Panel 1 (96 tests)
Analytes	IFN-gamma IL-2 IL-4 IL-6 IL-10/CSIF IL-17A TNF-alpha CXCL10/IP-10 CCL2/SYCA2/MCP-1 CCL5/SCYA5/RANTES IL-8/CXCL8 GM-CSF/CSF-2 IL-7 IL-15
Reactivity	Human
Sensitivity	GM-CSF: < 5 pg/mL, IFN gamma: < 3 pg/mL, IL-2: < 3 pg/mL, IL-4: < 1 pg/mL, IL-6: < 5 pg/mL, IL-7: < 5 pg/mL, IL-8: < 1 pg/mL, IL-10: < 2 pg/mL, IL-15: < 5 pg/mL, IL-17A: < 3 pg/mL, IP-10: < 3 pg/mL, MCP-1: < 2 pg/mL, RANTES: < 5 pg/mL, TNF alpha: < 1 pg/mL.
Detection Method	Flow Cytometry
Assay Time	2 hours
1x Ab-conjugated beads (premixed)	S4P3 - anti-H IL-10, S4P4 - anti-H IL-6, S4P6 - anti-H TNFalpha, S4P7 - anti-H IL-2, S4P8 - anti-H IL-7, S4P9 - anti-H IL-15, S4P10 - anti-H IL-8, S5P2 - anti-H IFNgamma, S5P3 - anti-H GM-CSF, S5P4 - anti-H IL-4, S5P6 - anti-H RANTES, S5P7 - anti-H IL-17A, S5P8 - anti-H MCP-1, S5P9 - anti-H IP-10
2x Biotin-detection Ab (premixed)	Biotin - anti-H IL-10, Biotin - anti-H IL-6, Biotin - anti-H TNFalpha, Biotin - anti-H IL-2, Biotin - anti-H IL-7, Biotin - anti-H IL-15, Biotin - anti-H IL-8, Biotin - anti-H IFNgamma, Biotin - anti-H GM-CSF, Biotin - anti-H IL-4, Biotin - anti-H RANTES, Biotin - anti-H IL-17A, Biotin - anti-H MCP-1, Biotin - anti-H IP-10
Buffers	2x NR dAb Diluent. One vial containing 1.25 mL of biotin detection antibody diluent.
Lyophilized Standard Mix	One vial containing lyophilized recombinant IFN-gamma, IL-2, IL-4, IL-6, IL-10/CSIF, IL-17A, TNF-alpha, CXCL10/IP-10, CCL2/SYCA2/MCP-1, CCL5/SCYA5/RANTES, IL-8/CXCL8, GM-CSF/CSF-2, IL-7, and IL-15.
LLOQs	GM-CSF: < 10 pg/mL, IFN gamma: < 10 pg/mL, IL-2: < 10 pg/mL, IL-4: < 3 pg/mL, IL-6: < 10 pg/mL, IL-7: < 10 pg/mL, IL-8: < 1 pg/mL, IL-10: < 5 pg/mL, IL-15: < 10 pg/mL, IL-17A: < 10 pg/mL, IP-10: < 10 pg/mL, MCP-1: < 5 pg/mL, RANTES: < 10 pg/mL, TNF alpha: < 2 pg/mL.
ULOQs	GM-CSF: > 5,000 pg/mL, IFN gamma: > 2,000 pg/mL, IL-2: > 2,000 pg/mL, IL-4: > 1,000 pg/mL, IL-6: > 5,000 pg/mL, IL-7: > 5,000 pg/mL, IL-8: > 1,000 pg/mL, IL-10: > 5,000 pg/mL, IL-15: > 5,000 pg/mL, IL-17A: > 1,000 pg/mL, IP-10: > 2,000 pg/mL, MCP-1: > 5,000 pg/mL, RANTES: > 5,000 pg/mL, TNF alpha: > 1,000 pg/mL.
Standard dose recovery	70-130%
Intra-assay CV	<10%
Inter-assay CV	<20%

Product Information

Sample volume	15 μ L/test
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