

GeniePlex Human Th1/Th2 11-plex (96 Tests)

Catalog Number: AKME035

Price: [Online Inquiry](#)

Product Information	
Product Name	GeniePlex Human Th1/Th2 11-plex (96 Tests)
Analytes	GM-CSF IFN-Gamma IL-1-Beta IL-2 IL-4 IL-5 IL-6 IL-9 IL-10 IL-12p70 TNF-Alpha
Reactivity	Human
Sensitivity	GM-CSF: < 5 pg/mL, IFN-Gamma: < 3 pg/mL, IL-1-Beta: < 5 pg/mL, IL-2: < 3 pg/mL, IL-4: < 1 pg/mL, IL-5: < 2 pg/mL, IL-6: < 5 pg/mL, IL-9: < 5 pg/mL, IL-10: < 2 pg/mL, IL-12p70: < 3 pg/mL, TNF-Alpha: < 1 pg/mL
Detection Method	Flow Cytometry
Assay Time	2 hours
1x Ab-conjugated beads (premixed)	S4P3 - anti-human TNF-Alpha, S4P6 - anti-human IL-1-Beta, S4P7 - anti-human IL-2, S4P9 - anti-human IFN-Gamma, S4P11 - anti-human IL-9, S4P12 - anti-human IL-12p70, S5P3 - anti-human GM-CSF, S5P4 - anti-human IL-4, S5P5 - anti-human IL-5, S5P6 - anti-human IL-6, S5P10 - anti-human IL-10
2x Biotin-detection Ab (premixed)	Biotin - anti-human TNF-Alpha, Biotin - anti-human IL-1-Beta, Biotin - anti-human IL-2, Biotin - anti-human IFN-Gamma, Biotin - anti-human IL-9, Biotin - anti-human IL-12p70, Biotin - anti-human GM-CSF, Biotin - anti-human IL-4, Biotin - anti-human IL-5, Biotin - anti-human IL-6, Biotin - anti-human IL-10
Buffers	2x NR dAb Diluent. One vial containing 1.5 mL of biotin detection antibody diluent.
Lyophilized Standard Mix	Lyophilized Standard Mix- Human TH1/Th2 11-Plex. Vial A and Vial B containing lyophilized recombinant human GM-CSF, IFN-Gamma, IL-1 Beta, IL-2, IL-4, IL-5, IL-6, IL-9, IL-10, IL-12p70, TNF-Alpha.
LLOQs	GM-CSF: <10 pg/mL, IFN-Gamma: <10 pg/mL, IL-1-Beta: <10 pg/mL, IL-2: <10 pg/mL, IL-4: <3 pg/mL, IL-5: <5 pg/mL, IL-6: <10 pg/mL, IL-9: <10 pg/mL, IL-10: <5 pg/mL, IL-12p70: <10 pg/mL, TNF-Alpha: <2 pg/mL.
ULOQs	GM-CSF: >5,000 pg/mL, IFN-Gamma: >2,000 pg/mL, IL-1-Beta: >5,000 pg/mL, IL-2: >2,000 pg/mL, IL-4: >1,000 pg/mL, IL-5: >2,000 pg/mL, IL-6: >5,000 pg/mL, IL-9: >5,000 pg/mL, IL-10: >5,000 pg/mL, IL-12p70: >2,000 pg/mL, TNF-Alpha: >1,000 pg/mL.
Standard dose recovery	70-130%
Intra-assay CV	Intra-assay CV: <10%
Inter-assay CV	Inter-assay CV: <20%
Sample volume	15 µL/test

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