

GeniePlex Human T Helper Cytokine 14-Plex

Catalog Number: AKME027

Price: [Online Inquiry](#)

Product Information	
Product Name	GeniePlex Human T Helper Cytokine 14-Plex
Analytes	GM-CSF IFN-Gamma IL-2 IL-4 IL-5 IL-6 IL-9 IL-10 IL-12p70 IL-13 IL-17A IL-21 IL-22 TNF-Alpha
Reactivity	Human
Sensitivity	GM-CSF: < 5 pg/mL, IFN-Gamma: < 3 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, IL-13: < 5 pg/mL, IL-17A: < 3 pg/mL, IL-21: < 5 pg/mL, IL-22: < 3 pg/mL, TNF-Alpha: < 1 pg/mL
Detection Method	Flow Cytometry
Assay Time	2 hours
1x Ab-conjugated beads (premixed)	S4P2 - anti-H GM-CSF, S4P3 - anti-H TNF-Alpha, S4P7 - anti-H IL-2, S4P9 - anti-H IFN-Gamma, S4P10 - anti-H IL-9, S5P2 - anti-H IL-12p70, S5P4 - anti-H IL-4, S5P5 - anti-H IL-5, S5P6 - anti-H IL-6, S5P7 - anti-H IL-17A, S5P8 - anti-H IL-22, S5P9 - anti-H IL-21, S5P10 - anti-H IL-10, S5P12 - anti-H IL-13
2x Biotin-detection Ab (premixed)	Biotin - anti-H GM-CSF, Biotin - anti-H TNF-Alpha, Biotin - anti-H IL-2, Biotin - anti-H IFN-Gamma, Biotin - anti-H IL-9, Biotin - anti-H IL-12p70, Biotin - anti-H IL-4, Biotin - anti-H IL-5, Biotin - anti-H IL-6, Biotin - anti-H IL-17A, Biotin - anti-H IL-22, Biotin - anti-H IL-21, Biotin - anti-H IL-10, Biotin - anti-H 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 T Helper Cytokine 14-Plex. One vial containing lyophilized recombinant GM-CSF, IFN-Gamma, IL-2, IL-4, IL-5, IL-6, IL-9, IL-10, IL-12p70, IL-13, IL-17A, IL-21, IL-22 and TNF-Alpha.
LLOQs	GM-CSF: <10 pg/mL, IFN-Gamma: <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, IL-13: <10 pg/mL, IL-17A: <10 pg/mL, IL-21: <10 pg/mL, IL-22: <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-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, IL-13: >5,000 pg/mL, IL-17A: >1,000 pg/mL, IL-21: >5,000 pg/mL, IL-22: >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%

Product Information

Sample volume	15 μ L/test
---------------	-----------------