

GeniePlex Human Th1/Th2/Th17 8-plex Panel 1

Catalog Number: AKME047

Price: [Online Inquiry](#)

Product Information	
Product Name	GeniePlex Human Th1/Th2/Th17 8-plex Panel 1
Analytes	IFN-Gamma IL-2 IL-4 IL-6 IL-8 IL-10 IL-17A TNF-Alpha
Reactivity	Human
Sensitivity	IFN-Gamma: < 3 pg/mL, IL-2: < 3 pg/mL, IL-4: < 1 pg/mL, IL-6: < 5 pg/mL, IL-8: < 1 pg/mL, IL-10: < 2 pg/mL, IL-17A: < 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, S4P7 - anti-human IL-2, S4P9 - anti-human IFN-Gamma, S5P2 - anti-human IL-8, S5P4 - anti-human IL-4, S5P6 - anti-human IL-6, S5P9 - anti-human IL-17A, S5P10 - anti-human IL-10
2x Biotin-detection Ab (premixed)	Biotin - anti-human TNF-Alpha, Biotin - anti-human IL-2, Biotin - anti-human IFN-Gamma, Biotin - anti-human IL-8, Biotin - anti-human IL-4, Biotin - anti-human IL-6, Biotin - anti-human IL-17A, 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- Th1/Th2/Th17 8-plex Panel 1. One vial containing lyophilized recombinant IFN-Gamma, IL-2, IL-4, IL-6, IL-8, IL-10, IL-17A, TNF-Alpha.
LLOQs	IFN-Gamma: <10 pg/mL, IL-2: <10 pg/mL, IL-4: <3 pg/mL, IL-6: <10 pg/mL, IL-8: <1 pg/mL, IL-10: <5 pg/mL, IL-17A: <10 pg/mL, TNF-Alpha: <2 pg/mL.
ULOQs	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-8: >1,000 pg/mL, IL-10: >5,000 pg/mL, IL-17A: >1,000 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