GeniePlex Human Inflammation 6-Plex (96 Tests)

Catalog Number: AKME018

Price: Online Inquiry

Product Information

Product Name	GeniePlex Human Inflammation 6-Plex (96 Tests)
Analytes	IL-1-Beta IL-6 IL-8 IL-10 IL-12p70 TNF-Alpha
Reactivity	Human
Sensitivity	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, TNF-Alpha: < 1 pg/mL
Detection Method	Flow Cytometry
Assay Time	2 hours
1x Ab-conjugated beads (premixed)	S4P3 - anti-human TNF-Alpha, S4P5 - anti-human IL-1-Beta, S4P10 - anti-human IL-8, S4P12 - anti-human IL-12p70, 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-8, Biotin - anti-human IL-12p70, 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 Inflammation 6-Plex. One vial containing lyophilized recombinant IL-1 Beta, IL-8, IL-6, IL-10, IL-12p70 and TNF-Alpha.
LLOQs	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, TNF-Alpha: <2 pg/mL.
ULOQs	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, 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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