



Product Insert

HQPLEX Analyte Kit

S4P4 - Rat MCP-3/MARC/CCL7 (96 Tests)

PN: 312233

COMPONENTS

45x Ab-conjugated beads (S4P4 - rat MCP-3 ab-bead). PN: 312233A. One vial containing 100 μ L of anti-rat MCP-3 conjugated to HQPLEX Bead S4P4.

25x Biotin-detection Ab (Rat MCP-3 Biotin-dAb). PN: 312233B. One vial containing 100 μ L of biotinylated anti-rat MCP-3.

Lyophilized Standard Mix- Rat Group 2 Panel B, 7-Plex. PN: RG20007. One vial containing lyophilized recombinant rat LIX, MCP-1, MCP-3, RANTES, SDF-1, ICAM-1, VCAM-1. Note: If multiple analyte kits on the above target list are ordered as a panel, only one vial of standard mix is supplied for those analyte kits.

STORAGE: 2-8°C in the dark.

IMPORTANT: Sodium azide forms explosive compounds with heavy metals. These products contain <0.05% (w/w) azide which with repeated contact with lead and copper commonly found in plumbing drains may result in the buildup of shock sensitive compounds. Dispose in accordance with regulations from your institute.

APPLICATION: Optimal antibody pair and antigen standard for assaying rat MCP-3. Can be multiplexed with other analytes in Rat Group 2. To be used in conjunction with the HQPLEX Mouse/Rat Basic Kit (PN: P200201) and a diluent kit. Refer to the HQPLEX Multiplex Immunoassay User Manual and kit inserts for the assay procedure.

For Research Use Only. Not for use in diagnostic procedures.



Assay Specifications:

Sample types: cell culture supernatant, serum, plasma, bodily fluid and tissue/cell lysate.

Sensitivity (LOD): < 2 pg/mL

Quantitation range:

LLOQ: < 5 pg/mL

ULOQ: > 5,000 pg/mL

Standard dose recovery: 70-130%

Intra-assay CV: < 10%

Inter-assay CV: < 20%

Cross-reactivity of analytes in Rat Group 2: negligible

Sample volume: 15 μ L/test