



# Product Insert

---

## *HQPLEX Analyte Kit*

### **S4P7 - Non-human Primate (NHP) IL-2 (96 Tests)**

PN: 411055

#### COMPONENTS

**45x Ab-conjugated beads (S4P7 - NHP IL-2 ab-bead).** PN: 411055A. One vial containing 100  $\mu$ L of anti-NHP IL-2 conjugated to HQPLEX Bead S4P7.

**25x Biotin-detection Ab (NHP IL-2 Biotin-dAb).** PN: 411055B. One vial containing 100  $\mu$ L of biotinylated anti-NHP IL-2.

**Lyophilized Standard Mix-NHP Group 1 Panel A, 7-Plex.** PN: NG10007. One vial containing lyophilized recombinant NHP IFN $\gamma$ , IL-2, IL-4, IL-6, IL-10, IL-17A, TNF $\alpha$ . 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 NHP IL-2. Can be multiplexed with other analytes in NHP Group 1. To be used in conjunction with the HQPLEX NR Basic Kit (PN: 100001) 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): < 5 pg/mL

Quantitation range:

LLOQ: < 10 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 NHP Group 1: Negligible

Sample volume: 15  $\mu$ L/test