

**CERTIFICATE OF ANALYSIS**

**Control Pack Description:** Proinflammatory Panel 1 (human) Control Pack  
**Catalog Number:** C4049-1  
**Lot Number:** CP000190  
**Expiration Date:** 31 JAN 2031

**Components:**

Description	Lot Number	Storage Temperature	Expiration Date
Proinflammatory Panel 1 (human) Control 1	A00C1048	2-8°C	31 JAN 2031
Proinflammatory Panel 1 (human) Control 2	A00C1049	2-8°C	28 FEB 2031
Proinflammatory Panel 1 (human) Control 3	A00C1050	2-8°C	28 FEB 2031

**Concentration Assignment:**

Analyte	Control 1	Control 2	Control 3	Unit of Measure
IFN- $\gamma$	565	148	42.2	pg/mL
IL-1 $\beta$	217	52.4	11.7	pg/mL
IL-2	381	39.2	3.51	pg/mL
IL-4	109	21.3	3.30	pg/mL
IL-6	289	51.7	10.3	pg/mL
IL-8	226	35.0	8.55	pg/mL
IL-10	125	23.5	4.16	pg/mL
IL-12p70	185	32.8	12.5	pg/mL
IL-13	177	50.2	14.3	pg/mL
TNF- $\alpha$	91.0	15.2	2.53	pg/mL

This product is intended for Research Use Only. Not for use in Diagnostic Procedures.

	Name	Function	Signature	Date
<b>Review/Approval</b>	Karen Hamilla	Quality		15 APR 2026