CERTIFICATE OF ANALYSIS

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Product Description: Proinflammatory Panel 1 (rat) Calibrator Blend

Catalog Number: C0044-2 Lot Number: A0080072

Expiration Date: 28 FEB 2021 **Storage Temperature:** 2-8°C

Concentration of Materials Tested:

| | Assay | | | | | | | | | |
|----------------------------------|-------------|-------------|------------|------------|------------|------------|--------------|-------------|-------------|-------------|
| | rt IFN-γ | rt IL-1β | rt IL-2 | rt IL-4 | rt IL-5 | rt IL-6 | rt KC/GRO | rt IL-10 | rt IL-13 | rt TNF-α |
| Reconstituted Calibrator (pg/mL) | 6550 | 14 100 | N/A | 1350 | 9270 | 12 300 | 3650 | 29 300 | 1760 | 1300 |

Reconstitution Volume: 1.0 mL

Statement: The above product was manufactured and tested using MSD procedures and it conforms to MSD's specifications. This product is intended for Research Use Only. Not for use in Diagnostic Procedures.

| | Name | Function | Signature | Date |
|-----------------|--------------|----------------------|--------------|-------------|
| Review/Approval | Dawn Stollar | Quality Assurance | Dawn Stollar | 24 MAR 2016 |