

CERTIFICATE OF ANALYSIS

COA - 07996

Product Description: MSD[®] Human TRAIL Kit
Catalog #/Size: K151KXD-Series
Lot Number: K00E0119
Expiration Date: N/A (See expiration date on specific components below)
Statement: This product was manufactured and tested according to approved MSD documents. This lot meets MSD's specifications.

Kit Contents:

Plate Lot Number: Z00E0110 Plate Lot Catalog Number: N451KXA Plate Lot Expiration Date: 30 JUN 2017 Antibody blend Lot Number: D00E0112 Antibody blend Catalog Number: D21KX Antibody blend Expiration Date: 30 JUN 2017 Calibrator blend Lot Number: A00E0065 Calibrator blend Catalog Number: C01KX Calibrator blend Expiration Date: 30 JUN 2017

Specifications:

Release method: Coating uniformity Mean Intraplate CV: $\leq 15\%$ Mean Interplate CV: $\leq 18\%$ No more than one plate with CV > 18% No plate with CV > 20%

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

| | Name | Function | Signature | Date |
|------------------------|---------------------|-------------------|--------------------|-------------|
| Preparer | Xiomara Talavera | Quality Control | Dalarera | 14 MAR 2017 |
| Review/Approval | Vanessa Castleberry | Quality Assurance | Vanessa Castlebury | 15 MAR 2017 |