

# Technical Product Report

*For Research Use Only; Not for use in Diagnostic Procedures*

|                       |                                                                                                   |                  |             |
|-----------------------|---------------------------------------------------------------------------------------------------|------------------|-------------|
| Product Description:  | Seraseq® Tumor Fusion RNA Mix v3                                                                  |                  |             |
| Material Number:      | 0710-0431                                                                                         | Batch Number:    | 10456311    |
| Material Description: | A mixture of total RNA from the reference cell line, GM24385, and synthetic RNA constructs        |                  |             |
| Concentration:        | Nominal value: 25 ng/μL<br>Average measured value: 27.6 ng/μL (Qubit RNA HS Assay)                |                  |             |
| Fill Volume:          | 25 μL                                                                                             |                  |             |
| Date of Manufacture:  | 22 NOV 2019                                                                                       | Expiration Date: | 22 NOV 2021 |
| Test Method:          | Fusion specific reverse transcription TaqMan® assays run on the BioRad QX-200 digital PCR system. |                  |             |

| RNA Fusion           | Thermo Fisher Unique Assay ID | Digital PCR Fusion copies/μL |
|----------------------|-------------------------------|------------------------------|
| CD74-ROS1            | Hs04396897_ft                 | 1508                         |
| EGFR variant III     | Hs04419882_m1                 | 1348                         |
| EGFR-SEPT14          | AJCSWD6(custom)               | 1352                         |
| EML4-ALK             | Hs04419883_ft                 | 2100                         |
| ETV6-NTRK3           | Hs03024415_ft                 | 1256                         |
| FGFR3-BAIAP2L1       | Hs04396791_ft                 | 1184                         |
| FGFR3-TACC3          | Hs04421327_ft                 | 1532                         |
| KIF5B-RET            | Hs04396834_ft                 | 1100                         |
| LMNA-NTRK1           | Hs04421343_ft                 | 1192                         |
| MET Exon 14 Skipping | AJHSO22 (custom)              | 1704                         |
| NCOA4-RET            | Hs04396875_ft                 | 1436                         |
| PAX8-PPARG1          | Hs04396714_ft                 | 2600                         |
| SLC34A2-ROS1         | Hs04396942_ft                 | 1319                         |
| SLC45A3-BRAF         | Hs04396966_ft                 | 1172                         |
| TPMRSS2-ERG          | AIHSQLA (custom)              | 784                          |
| TPM3-NTRK1           | Hs03024839_ft                 | 1396                         |

Approval:



Prepared By

24 NOV 2019

Date