

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:	10436178
Material Description:	A mixture of total RNA from the reference cell line, GM24385, and synthetic RNA constructs		
Concentration:	Nominal value: 25 ng/μL Average measured value: 28.8 ng/μL (Qubit RNA HS Assay)		
Fill Volume:	25 μL		
Date of Manufacture:	16 JUL 2019	Expiration Date:	16 JUL 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	1728
EGFR variant III	Hs04419882_m1	1356
EGFR-SEPT14	AJCSWD6(custom)	1484
EML4-ALK	Hs04419883_ft	2904
ETV6-NTRK3	Hs03024415_ft	1328
FGFR3-BAIAP2L1	Hs04396791_ft	1196
FGFR3-TACC3	Hs04421327_ft	1500
KIF5B-RET	Hs04396834_ft	1144
LMNA-NTRK1	Hs04421343_ft	1092
MET Exon 14 Skipping	AJHSO22 (custom)	1688
NCOA4-RET	Hs04396875_ft	1560
PAX8-PPARG1	Hs04396714_ft	2976
SLC34A2-ROS1	Hs04396942_ft	1236
SLC45A3-BRAF	Hs04396966_ft	1300
TPMRSS2-ERG	AIHSQLA (custom)	1008
TPM3-NTRK1	Hs03024839_ft	1456

Approval:



Prepared By

07 AUG 2019

Date