

Seraseq™ Fusion RNA Mix v2

Product Report

Product Description: Seraseq Fusion RNA Mix v2

Material No: 0710-0127

Batch No: 10244305

Volume: 25 µL

Concentration: 25 ng/µL

Date of Manufacture: 1/17/2017

Expiration Date: 1/17/2019

Test Method:

TaqMan® fusion assays from Thermo Fisher Scientific were used to test the RNA fusions present in the product. Fusion-specific reverse transcription digital PCR assays were run on BioRad QX200™ Droplet Digital™ PCR System. These results are provided for informational purposes only.

Fusion RNA	Thermo Fisher Unique Assay ID	Digital PCR copies/µL
EML4-ALK	Hs04419883_ft	316
KIF5B-RET	Hs04396834_ft	Detected*
NCOA4-RET	Hs04396875_ft	1144
CD74-ROS1	Hs04396897_ft	361
SLC34A2-ROS1	Hs04396942_ft	286
TPM3-NTRK1	Hs03024839_ft	544
FGFR3-BAIAP2L1	Hs04396791_ft	419
PAX8-PPARG1	Hs04396714_ft	1107
FGFR3-TACC3	Hs04421327_ft	391
ETV6-NTRK3	Hs03024415_ft	1579
LMNA-NTRK1	Hs04421343_ft	283
SLC45A3-BRAF	Hs04396966_ft	373
TMPRSS2-ERG	AIHSQLA (custom)	157
EGFR-SEPT14	AJCSWD6(custom)	861
MET exon 14 skipping	AJHSO22 (custom)	811

*The fusion KIF5B-RET is reliably detected on both RT-dPCR and NGS assays; however, no value is reported here for copies per microliter since this mutation showed greater variation for an internal QC metric used to check quantitation.

For more information, visit www.seracare.com/oncology.

Approval:

Catherine Huang

1/24/2017

Prepared by

Date