

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description: Seraseq® NTRK Fusion RNA Mix

Material Number: 0710-1696 Batch Number: 10694235

Material Description: A multiplexed mixture of biosynthetic RNA fusions blended with total RNA extracted from GM24385 human reference cell line.

Concentration: Nominal value: 25 ng/μL
 Average measured value: 28.4 ng/μL (Qubit RNA BR Assay)

Fill Volume: 20 μL

Date of Manufacture: 16 APR 2024 Expiration Date: 16 APR 2026

Test Method: Fusion specific reverse transcription TaqMan® assays run on the BioRad QX-200 digital PCR system.

RNA Fusion	Digital PCR Fusion Copies/μL	FusionPlex Unique Start Sites	FusionPlex Unique Reads
TPM3-NTRK1	3547	516	20595
LMNA-NTRK1	1736	239	6568
IRF2BP2-NTRK1	1679	293	5554
SQSTM1-NTRK1	1761	226	7682
TFG-NTRK1	2083	237	7233
AFAP1-NTRK2	2025	136	1085
NACC2-NTRK2	1724	164	3402
QKI-NTRK2	2871	162	3021
TRIM24-NTRK2	1453	224	5809
PAN3-NTRK2	2104	206	1058
ETV6-NTRK3 (E5N14)	2175	482	7019
ETV6-NTRK3 (E5N15)	3227	488	5980
ETV6-NTRK3 (E4N15)	1643	445	5581
ETV6-NTRK3 (E4N14)	2340	339	5772
BTBD1-NTRK3	1513	237	4895

Approval:



05/30/2024

Prepared By

Date