

Certificate of Analysis

For Research Use Only, Not for use in Diagnostic Procedures

Product	Material Number	Batch Number
Seraseq® FFPE Fusion RNA Reference Material v4	0710-0496	10799097
Kit Component		
Vial	0710-1275	10799096

Date of Manufacture: 06 FEB 2026 Expiration Date: 25 NOV 2029

Vial Contents:	1x 10 µm FFPE curl	
Concentration test Method:	Agencourt Formapure RNA extraction followed by Qubit RNA HS Assay Quantitation	
Average RNA Yield:	1797.6 ng/curl	
Fusion Test Method:	Droplet Digital PCR using TaqMan™ probes tested on the BioRad QX200 system.	
Measured Fusion Concentrations:	RNA Fusion	Digital PCR Average Fusion copies/ng of total RNA
	CCDC6-RET	169.2
	CD74-ROS1	465.7
	EGFR variant III	376.0
	EGFR-SEPT14	160.1
	EML4-ALK	152.1
	ETV6-NTRK3	311.9
	FGFR3-BAIAP2L1	142.1
	FGFR3-TACC3	176.2
	KIF5B-RET	105.9
	LMNA-NTRK1	322.8
	MET Exon 14 Skipping	215.0
	NCOA4-RET	242.5
	PAX8-PPARG1	214.4
	SLC34A2-ROS1	505.1
	SLC45A3-BRAF	236.5
	TFG-NTRK1	357.0
	TMPRSS2-ERG	563.0
	TPM3-NTRK1	343.3
NGS Result:	Positive for all 18 fusions and exon skipping events	

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NGS Fusion Test Method:	Archer® FusionPlex® Solid Tumor Assay tested on the ILMN MiSeq™ instrument (v2, 2 x 150 bp PE kit) using 250 ng of input RNA		
NGS Analysis Method	Data analyzed using Archer Analysis Suite Software version (default settings)		
NGS Data:	RNA Fusion	NGS Average Unique Start Sites per Fusion	NGS Average Unique Reads per Fusion*
	CCDC6-RET	188	1225
	CD74-ROS1	167	2636
	EGFR variant III	165	1195
	EGFR-SEPT14	369	901
	EML4-ALK	174	1730
	ETV6-NTRK3	357	2688
	FGFR3-BAIAP2L1	159	4076
	FGFR3-TACC3	204	6391
	KIF5B-RET	200	2568
	LMNA-NTRK1	255	3757
	MET Exon 14 Skipping	186	720
	NCOA4-RET	150	1215
	PAX8-PPARG1	142	826
	SLC34A2-ROS1	172	1586
	SLC45A3-BRAF	81	1796
	TFG-NTRK1	171	2687
TMPRSS2-ERG	154	10021	
TPM3-NTRK1	284	4487	

*Total number of reads per sample was 3.29 M.

Approval:



10 Feb 2026
Date

Prepared By


QA Verified By

10 FEB 2026
Date