Certificate of Analysis

Material Name:	Multiplexed NRAS-BRAF-EGFR S492R FFPE Control
Part Number:	D185-008
Vial Content:	1 x 10um FFPE curl
Lot Number:	2607073
Composition:	The products contain FFPE slices with embedded cellular DNA carrying 5 NRAS mutations, BRAF V600E and EGFR S492R (see Test Result table), at around 10% allele frequency. Each curl contains all seven mutations at equal allele frequency.
Storage:	Store at 2-8 °C.
Date of Manufacturing:	7/7/2026
Expiration Date:	7/31/2029

Test Result:

Part Number	Lot Number	Mutation Name	Average VAF (%)	Passing Criteria	Average gDNA copy/curl	DNA Mass (ng/curl)	Pass/Fail
D185-008	2607073	NRAS G12D	9.3	7% - 14%	289667	539	Pass
		NRAS G13D	9.3	7% - 14%			
		NRAS A146T	9.3	7% - 14%			
		NRAS Q61R	9.3	7% - 14%			
		NRAS Q61K	9.3	7% - 14%			
		BRAF V600E	9.3	7% - 14%			
		EGFR S492R (c.1474A>C)	9.3	7% - 14%			

DNA was extracted with FormaPure XL Total kit.

Test method for wildtype and mutant DNA copies and allele frequency: ddPCR.

Test method for DNA mass: DeNovix High Sensitive dsDNA Assay.

Approval

Name: Yabin Lu

Signature: DocuSigned by: Yabin Lu A68122C2A4CC4F1...

Date: 7/13/2026

The material is for research use only.