

Certificate of Analysis

For Research Use Only
Not for Use in Diagnostic Procedures

Product Description:

Product	Material Number	Batch Number
Seraseq® Tumor Mutation DNA Mix v2 AF7, RUO	0710-0095	10731905
Kit Component		
Vial	0710-0087	10721810

Volume: 25 µL Concentration: 25 ng/µL
 Date of Manufacture: 21 MAR 2025 Expiration Date: 22 OCT 2028
 Test Method for Concentration: Qubit dsDNA BR Assay
 Average Concentration (ng/µL): 22.4 ng/µL
 Test Method for Variant Allele Frequency (VAF): In house validated, allele specific, digital PCR (dPCR) assays and Ampliseq Cancer HotSpot Panel v2 by Illumina.

Mutation	dPCR VAF	NGS VAF
AKT1 COSM33765	6.1	5.8
APC COSM13127	6.5	6.3
APC COSM18561	5.7	6.4
ATM COSM21924	6.5	7.3
BRAF COSM476	6.4	6.6
CTNNB COSM5664	7.0	6.9
EGFR COSM6224	6.6	6.7
EGFR COSM6225	6.6	7.2
EGFR COSM6240	7.1	6.6
EGFR COSM12378	7.1	6.6
ERBB2 COSM682	6.5	6.0
FGFR3 COSM715	6.3	5.3
FLT3 COSM783	6.7	6.6
FOXL2 COSM33661	7.7	N/A
GNA11 COSM52969	6.3	6.7
GNAQ COSM28758	6.5	7.1
GNAS COSM27887	6.1	5.8
IDH1 COSM28747	6.2	5.8
JAK2 COSM12600	6.1	6.5
KIT COSM1314	6.1	6.7

Mutation	dPCR VAF	NGS VAF
KRAS COSM521	5.8	6.4
MPL COSM18918	7.3	7.2
NPM1 COSM17559	6.3	5.5
NRAS COSM584	6.8	7.0
PDGFRA COSM736	6.4	6.9
PDGFRA COSM28053	5.2	6.3
PIK3CA COSM763	5.9	6.4
PIK3CA COSM775	6.7	7.4
PIK3CA COSM12464	5.6	7.1
PTEN COSM4986	5.9	6.7
PTEN COSM5809	5.9	7.0
RET COSM965	6.8	7.2
SMAD4 COSM14105	7.2	7.8
TP53 COSM6530	5.6	6.4
TP53 COSM10660	6.3	6.8
TP53 COSM10662	6.6	6.5
TP53 COSM10648	6.7	6.4
TP53 COSM18610	6.5	10.4
NCOA4-RET	7.1	N/A
TPR-ALK	6.7	N/A

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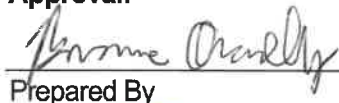
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Approval:



Prepared By

24 Mar 2025

Date



QA Verified By

24 Mar 2025

Date