

Certificate of Analysis




For Research Use Only
Not for Use in Diagnostic Procedures

Product Description:	Seraseq™ Tumor Mutation DNA Mix v2 AF10, RUO		
Material No:	0710-0094	Batch No:	10632539
Volume:	25 µL	Concentration:	25 ng/µL
Date of Manufacture:	19 JAN 2022	Expiration Date:	19 JAN 2024
Test Method for Concentration:	Qubit dsDNA BR Assay		
Average Concentration (ng/µL):	25.1 ng/µL		
Test Method for Variant Allele Frequency:	In house validated, allele specific, digital PCR assays		

Mutation	Average dPCR Allele Frequency
AKT1 COSM33765	9.5
APC COSM13127	9.8
APC COSM18561	8.5
ATM COSM21924	10.5
BRAF COSM476	9.6
CTNNB COSM5664	10.3
EGFR COSM6224	9.9
EGFR COSM6225	9.4
EGFR COSM6240	9.4
EGFR COSM12378	9.4
ERBB2 COSM682	8.5
FGFR3 COSM715	10.2
FLT3 COSM783	9.5
FOXL2 COSM33661	10.0
GNA11 COSM52969	9.2
GNAQ COSM28758	9.5
GNAS COSM27887	8.6
IDH1 COSM28747	9.0
JAK2 COSM12600	9.6
KIT COSM1314	8.9

Mutation	Average dPCR Allele Frequency
KRAS COSM521	8.8
MPL COSM18918	9.6
NPM1 COSM17559	9.2
NRAS COSM584	9.2
PDGFRA COSM736	9.4
PDGFRA COSM28053	9.6
PIK3CA COSM763	8.5
PIK3CA COSM775	10.1
PIK3CA COSM12464	10.2
PTEN COSM4986	9.4
PTEN COSM5809	9.4
RET COSM965	10.5
SMAD4 COSM14105	10.5
TP53 COSM6530	9.1
TP53 COSM10660	9.7
TP53 COSM10662	8.9
TP53 COSM10648	9.2
TP53 COSM18610	Not Assayed
NCOA4-RET	11.0
TPR-ALK	10.1

Approval:

 Prepared By	27 FEB 2023 Date
 QA Verified By	 Date