

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: 10583050
 Volume: 25 µL Concentration: 25 ng/µL
 Date of Manufacture: 21 OCT 2021 Expiration Date: 21 OCT 2023
 Test Method for Concentration: Qubit dsDNA BR Assay
 Average Concentration (ng/µL): 26.9 ng/µL
 Test Method for Variant Allele Frequency: In house validated, allele specific, digital PCR assays

Mutation	Average dPCR Allele Frequency
AKT1 COSM33765	10.2
APC COSM13127	9.6
APC COSM18561	9.1
ATM COSM21924	11.7
BRAF COSM476	11.0
CTNNB COSM5664	11.4
EGFR COSM6224	11.0
EGFR COSM6225	10.7
EGFR COSM6240	10.6
EGFR COSM12378	10.6
ERBB2 COSM682	9.3
FGFR3 COSM715	11.9
FLT3 COSM783	10.9
FOXL2 COSM33661	12.9
GNA11 COSM52969	10.7
GNAQ COSM28758	10.8
GNAS COSM27887	10.4
IDH1 COSM28747	10.3
JAK2 COSM12600	10.7
KIT COSM1314	10.6

Mutation	Average dPCR Allele Frequency
KRAS COSM521	10.1
MPL COSM18918	11.5
NPM1 COSM17559	10.1
NRAS COSM584	11.0
PDGFRA COSM736	10.8
PDGFRA COSM28053	10.7
PIK3CA COSM763	10.3
PIK3CA COSM775	11.5
PIK3CA COSM12464	11.7
PTEN COSM4986	11.1
PTEN COSM5809	11.1
RET COSM965	11.6
SMAD4 COSM14105	12.2
TP53 COSM6530	10.2
TP53 COSM10660	11.0
TP53 COSM10662	10.5
TP53 COSM10648	10.4
TP53 COSM18610	Not Assayed
NCOA4-RET	12.2
TPR-ALK	11.0

Approval:

Prepared By

Date

19 Nov 2021

QA Verified By

Date

19 Nov 2021