

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: 10556651
 Volume: 25 µL Concentration: 25 ng/µL
 Date of Manufacture: 22 MAR 2021 Expiration Date: 22 MAR 2023
 Test Method for Concentration: Qubit dsDNA BR Assay
 Average Concentration (ng/µL): 22.6 ng/µL
 Test Method for Variant Allele Frequency: In house validated, allele specific, digital PCR assays

Mutation	Average dPCR Allele Frequency
AKT1 COSM33765	10.7
APC COSM13127	10.1
APC COSM18561	8.9
ATM COSM21924	10.2
BRAF COSM476	10.3
CTNNB COSM5664	10.3
EGFR COSM6224	9.6
EGFR COSM6225	11.2
EGFR COSM6240	11.6
EGFR COSM12378	11.6
ERBB2 COSM682	8.9
FGFR3 COSM715	10.1
FLT3 COSM783	9.6
FOXL2 COSM33661	10.4
GNA11 COSM52969	10.3
GNAQ COSM28758	10.6
GNAS COSM27887	10.0
IDH1 COSM28747	10.9
JAK2 COSM12600	10.0
KIT COSM1314	9.4

Mutation	Average dPCR Allele Frequency
KRAS COSM521	9.8
MPL COSM18918	11.1
NPM1 COSM17559	11.4
NRAS COSM584	9.3
PDGFRA COSM736	11.0
PDGFRA COSM28053	11.2
PIK3CA COSM763	9.3
PIK3CA COSM775	10.5
PIK3CA COSM12464	10.1
PTEN COSM4986	10.9
PTEN COSM5809	10.9
RET COSM965	11.1
SMAD4 COSM14105	10.6
TP53 COSM6530	8.9
TP53 COSM10660	10.1
TP53 COSM10662	9.7
TP53 COSM10648	9.3
TP53 COSM18610	Not Assayed
NCOA4-RET	10.6
TPR-ALK	10.0

Approval:

Prepared By

Date

QA Verified By

Date



18 JUN 2021



23 JUN 2021