

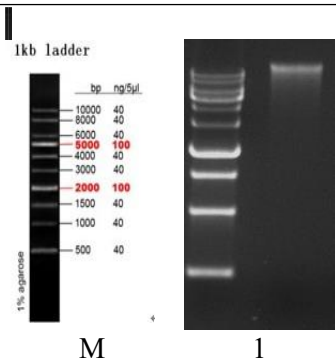
CERTIFICATE OF ANALYSIS

Panel-Ref® gDNA Cocktail II Reference Standard

Product information

Name	Panel-Ref® gDNA Cocktail II Reference Standard
Catalog No.	CBP90009
Lot No.	GBD49700638
Format	Genomic DNA
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Oct.-21-2021
Expiry	36 months from the date of manufacture

Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*2vials	1ug/vial*2vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.84	√
DNA electrophoresis	No Degradation	 <p> M: Marker 1: Panel-Ref® gDNA Cocktail II Reference Standard </p>	√

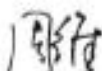
Gene	AA Change	CDS Change	Expected %AF	Measured %AF
EGFR	p.G719A	c.2156G>C	5%	4.53%
EGFR	p.L747_P753>S	c.2240_2257del	5%	5.59%
EGFR	p.V769_D770insASV	c.2307_2308insGCCAGCGTG	5%	5.27%
KRAS	p.G12C	c.34G>T	5%	4.53%
KRAS	p.Q61H	c.183A>T	5%	5.68%
KRAS	p.A146T	c.436G>A	5%	5.54%

ERBB2 p.V777L	c.2329G>T	5%	4.40%
NRAS p.G12C	c.34G>T	5%	5.33%
NTRK1 TPM3(E7)-NTRK1(E10)	N/A	5%	5.75%
ABL1 BCR(E13)-ABL1(E12)	N/A	5%	5.28%
FGFR2 CNV	N/A	CN=12	CN=12.68
MYC CNV	N/A	CN=12	CN=13.50

Caution:

For research use only.

If you have any questions about the Certificate of Analysis, please contact us.

Certified by:  Date:****