

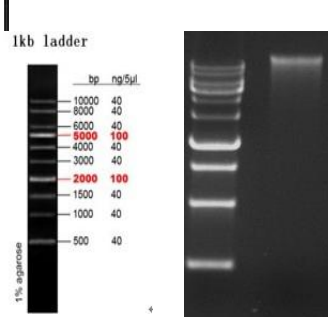
CERTIFICATE OF ANALYSIS

Panel-Ref™ EGFR Cocktail I 5% Reference Standard

Product information

Name	Panel-Ref™ EGFR Cocktail I 5% Reference Standard
Catalog No.	CBP90004
Lot No.	CGD11316304
Format	Genomic DNA
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Aug.-27-2019
Expiry	36 months from the date of manufacture

Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*1vial	1ug/vial*1vial	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.84	√
DNA electrophoresis	No Degradation	 <p style="text-align: center;">M I</p> <p>M: Marker I: Panel-Ref™ EGFR Cocktail I 5% Reference Standard</p>	√

Gene	AA Change	CDS Change	Exon	Cosmic ID	%AF
EGFR	p.E746_A750delELREA	c.2235_2249del15 GGAATTAAGAGAAGC>-	19	COSM6223	5.14%
EGFR	p.G719S	c.2155G>A	18	COSM6252	4.94%
EGFR	p.S768I	c.2303G>T	20	COSM6241	4.61%
EGFR	p.T790M	c.2369C>T	20	COSM6240	5.13%
EGFR	p.L858R	c.2573T>G	21	COSM6224	5.39%

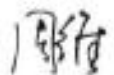
DdPCR Acceptance criteria

Expected value	Acceptance criteria	Expected value	Acceptance criteria
0%	≤0.1%	<5 copies	Expected value ± 30%
<1%	Expected value ± 50%	≥5 and <10 copies	Expected value ± 20%
≥1% and <5%	Expected value ± 30%	≥10 copies	Expected value ± 15%
≥5% and <10%	Expected value ± 20%		
≥10%	Expected value ± 10%		

Caution:

For research use only.

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

Certified by:  Date:****