

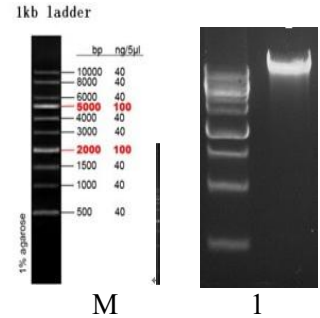
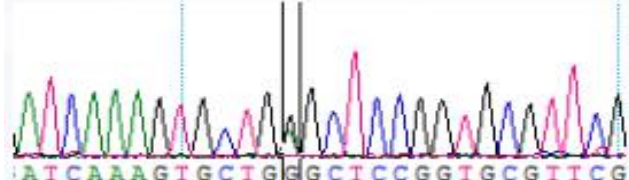
CERTIFICATE OF ANALYSIS

EGFR p.G719S Reference Standard

Product information

Name	EGFR p.G719S Reference Standard
Catalog No.	CBP10267
Lot No.	GBD50634468
Format	Genomic DNA
DNA Change	c.2155G>A
AA Change	p.G719S
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	33.33%
Transcript	ENST00000275493
Copy Number	3
Ploidy	2.05
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Oct.-08-2021
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	1.85	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>5000 100</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>1% agarose</p> <p>M 1</p> <p>M: Marker</p> <p>1: EGFR p.G719S Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>ATCAAAGTGTGGCTCCGGTGC GTTCG</p>	√

%AF	33.33%	31.42% by DdPCR detection	√
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Caution:

For research use only.

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

Certified by:  Date:****

 Date:****