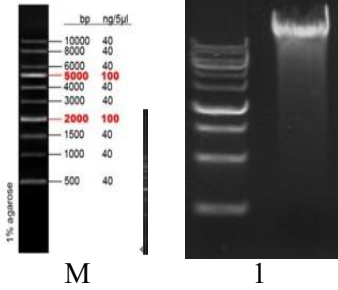
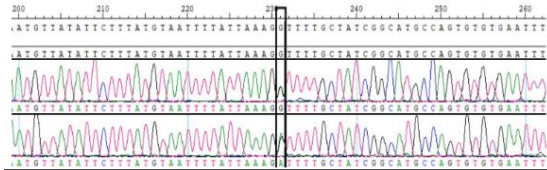


CERTIFICATE OF ANALYSIS

Product information

Name	PIK3CA p.G118D Reference Standard
Catalog No.	CBP10327
Lot No.	GBD84461322
Format	Genomic DNA
DNA Change	c.353G>A
AA Change	p.G118D
Mutation Type	Substitution - Missense
Zygotity	Heterozygous
%AF	75.00%
Transcript	NM_006218.1
Chr position(GRCh37)	chr3:178917478
Copy Number	4
Ploidy	2.83
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Oct.-08-2021
Expiry	36 months from the date of manufacture

Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	35.00 ng/uL±10%	35.00 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.81 by Nanodrop detection	√
DNA electrophoresis	No Degradation	1kb ladder  M: Marker I: PIK3CA p.G118D Reference Standard	√
Genotype	Positive	 By sanger sequencing	√

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****