

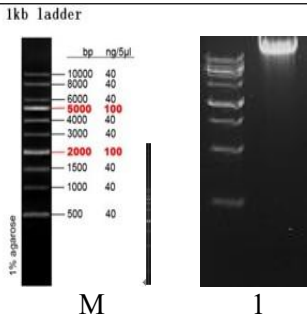
CERTIFICATE OF ANALYSIS

PIK3CA p.E545G Reference Standard

Product information

Name	PIK3CA p.E545G Reference Standard
Catalog No.	CBP10543
Lot No.	CGD05391138
Format	Genomic DNA
DNA Change	c.1634A>G
AA Change	p.E545G
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	NM_006218
Chr position(GRCh37)	chr3:178936092
Copy Number	2
Ploidy	2.17
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Jun.-02-2022
Expiry	36 months from the date of manufacture

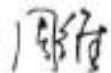
Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*1vial	1ug/vial*1vial	√
Concentration	Qubit 3.0	35 ng/uL±10%	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.74	√
DNA electrophoresis	No Degradation	 <p> 1kb ladder bp ng/5ul 10000 40 8000 40 6000 40 5000 100 4000 40 3000 40 2000 100 1500 40 1000 40 500 40 1% agarose M 1 M: Marker 1: PIK3CA p.E545G Reference Standard </p>	√
%AF	50%	48.7% by DdPCR detection	√

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****