

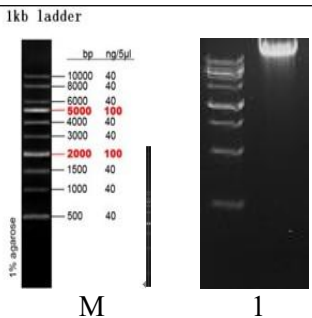
CERTIFICATE OF ANALYSIS

PIK3CA p.E545G Reference Standard

Product information

Name	PIK3CA p.E545G Reference Standard
Catalog No.	CBP10543
Lot No.	CGD07922754
Format	Genomic DNA
DNA Change	c.1634A>G
AA Change	p.E545G
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	NM_006218
Copy Number	2
Ploidy	2.17
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	May-25-2022
Expiry	36 months from the date of manufacture

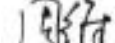
Quality Control

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	1.74	√
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>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>M</p> <p>1</p> <p>M: Marker</p> <p>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:****