

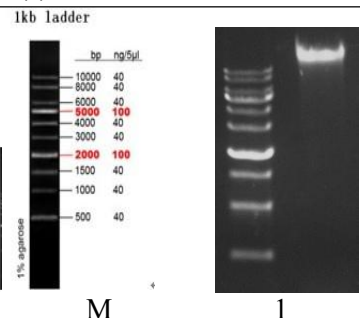
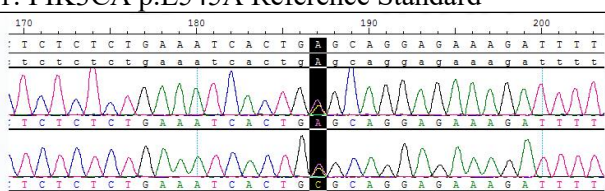
CERTIFICATE OF ANALYSIS

PIK3CA p.E545A Reference Standard

Product information

Name	PIK3CA p.E545A Reference Standard
Catalog No.	CBP10323
Lot No.	CGD45025518
Format	Genomic DNA
DNA Change	c.1634A>C
AA Change	p.E545A
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	NM_006218.1
Copy Number	2
Ploidy	2.09
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Aug.-19-2019
Expiry	36 months from the date of manufacture

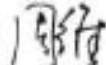
Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*1vial	1ug/vial*1vial	√
Concentration	Qubit 3.0	40 ng/uL	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.77	√
DNA electrophoresis	No Degradation	 <p> 1kb ladder bp ng/5ul 10000 40 8000 40 6000 40 4000 40 3000 40 2000 100 1500 40 1000 40 500 40 </p> <p>M: Marker 1: PIK3CA p.E545A Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p> 170 180 190 200 TCTCTCTGAAATCACTGAGCAGGAGAAAGATTTT TCTCTCTGAAATCACTGAGCAGGAGAAAGATTTT TCTCTCTGAAATCACTGAGCAGGAGAAAGATTTT </p>	√

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****