

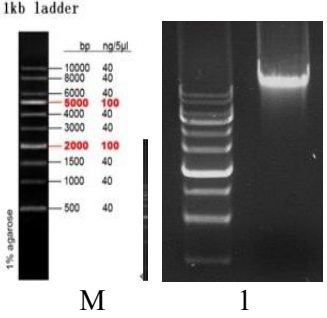
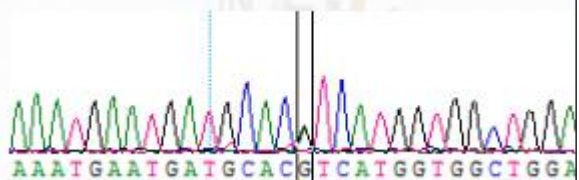
## CERTIFICATE OF ANALYSIS

# PIK3CA p.H1047R Reference Standard

### Product information

Name	PIK3CA p.H1047R Reference Standard
Catalog No.	CBP10319
Lot No.	CGD20114371
Format	Genomic DNA
DNA Change	c.3140A>G
AA Change	p.H1047R
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	NM_006218.1
Copy Number	2
Ploidy	1.98
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Dec.-02-2019
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 <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.88	√
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 1</p> <p>M: Marker</p> <p>1: PIK3CA p.H1047R Reference Standard</p>	√
Genotype	Sanger Sequencing		√

**Caution:**

For research use only.

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

Certified by:  Date:\*\*\*\*

 Date:\*\*\*\*