

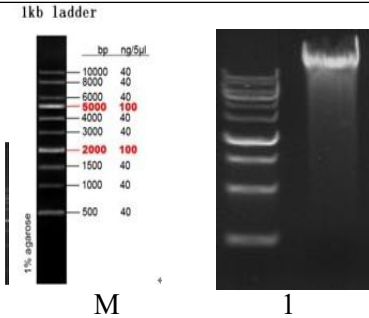
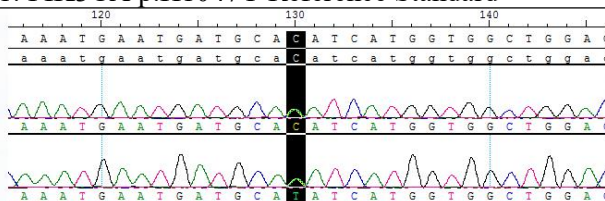
# CERTIFICATE OF ANALYSIS

## PIK3CA p.H1047Y Reference Standard

### Product information

Name	PIK3CA p.H1047Y Reference Standard
Catalog No.	CBP10321
Lot No.	CGD75684310
Format	Genomic DNA
DNA Change	c.3139C>T
AA Change	p.H1047Y
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	NM_006218.1
Copy Number	2
Ploidy	2.02
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Dec.-27-2019
Expiry	36 months from the date of manufacture

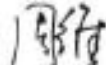
### Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*6vials	1ug/vial*6vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.87	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: PIK3CA p.H1047Y Reference Standard</p>	√
Genotype	Sanger Sequencing		√
%AF	50%	49.3% 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:\*\*\*\*