

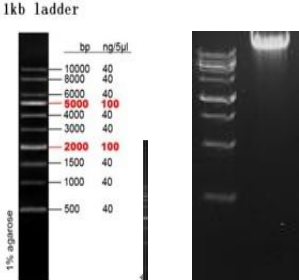
# CERTIFICATE OF ANALYSIS

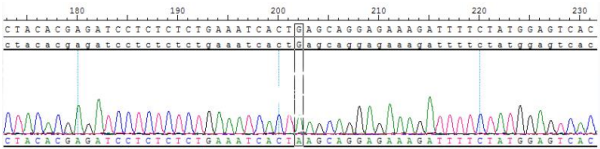
## AI-Edigene® PIK3CA p.E545K Reference Standard Plus

### Product information

Name	AI-Edigene® PIK3CA p.E545K Reference Standard Plus
Catalog No.	CBP10517
Lot No.	GBD43448227
Format	Genomic DNA
DNA Change	c.1633G>A
AA Change	p.E545K
Mutation Type	Substitution - Missense
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	NM_006218.4
Copy Number	1
Ploidy	1
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Oct.-20-2020
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±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.90	√
DNA electrophoresis	No Degradation	<p>1kb ladder</p>  <p>M: Marker 1: AI-Edigene® PIK3CA p.E545K Reference Standard Plus</p>	√

Genotype	Sanger Sequencing		√
Allelic Frequency	100.00%	100.00% 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:\*\*\*\*