

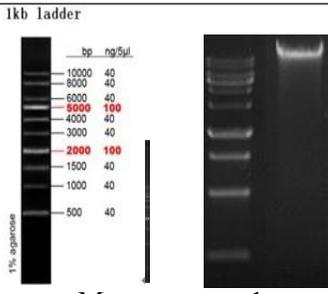
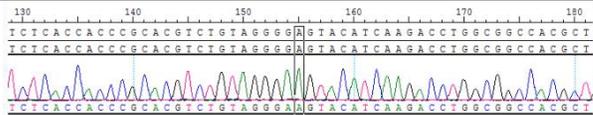
# CERTIFICATE OF ANALYSIS

## AI-Edigene® AKT1 p.E17K Reference Standard Plus

### Product information

Name	AI-Edigene® AKT1 p.E17K Reference Standard Plus
Catalog No.	CBP10548
Lot No.	GBD92053538
Format	Genomic DNA
DNA Change	c.49G>A
AA Change	p.E17K
Mutation Type	Substitution - Missense
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	NM_001014431.2
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Jul.-20-2021
Expiry	36 months from the date of manufacture

### Quality Control

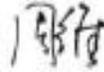
Test Items	Standard	Results	Passed
Quantity	1ug/vial*1vial	1ug/vial*1vial	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.92	√
DNA electrophoresis	No Degradation	 <p>M: Marker 1: AI-Edigene® AKT1 p.E17K Reference Standard Plus</p>	√
Genotype	Sanger Sequencing		√

%AF	100%	100% by DdPCR detection	√
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**Caution:**

For research use only.

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

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

 Date:\*\*\*\*