

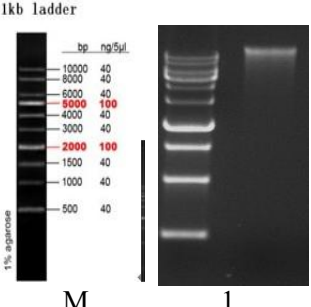
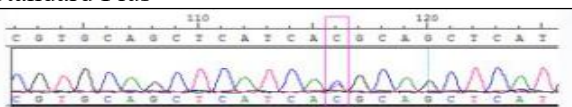
# CERTIFICATE OF ANALYSIS

## AI-Edigene® EGFR p.T790M Reference Standard Plus

### Product information

Name	AI-Edigene® EGFR p.T790M Reference Standard Plus
Catalog No.	CBP10402
Lot No.	GBD68208518
Format	Genomic DNA
DNA Change	c.2369C>T
AA Change	p.T790M
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	ENST00000275493
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Dec.-15-2020
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	1.81	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: AI-Edigene® EGFR p.T790M Reference Standard Plus</p>	√
Genotype	Sanger Sequencing		√
Allelic Frequency	50.00%	49.91% 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:\*\*\*\*