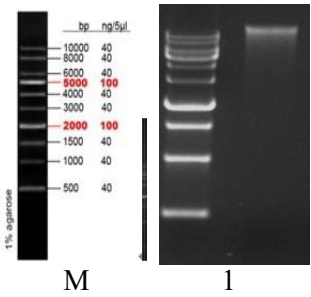
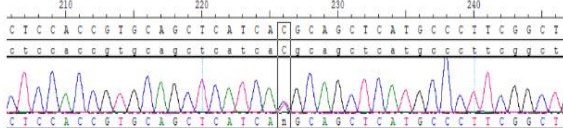


## CERTIFICATE OF ANALYSIS

### Product information

Name	AI-Edigene® EGFR p.T790M Reference Standard Plus
Catalog No.	CBP10402
Lot No.	CBFA23020621
Format	Genomic DNA
DNA Change	c.2369C>T
AA Change	p.T790M
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
%AF	50.00%
Transcript	ENST00000275493
Chr position(GRCh37)	chr7:55249071
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Feb.-06-2023
Expiry	36 months from the date of manufacture


### Quality Control


Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*2 vials	1.00 µg/vial*2 vials	√
Concentration	40.00 ng/uL±10%	39.00 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.81 by Nanodrop detection	√
DNA electrophoresis	No Degradation	1kb ladder  M: Marker 1: AI-Edigene® EGFR p.T790M Reference Standard Plus	√
Genotype	Positive	 By sanger sequencing	√
%AF	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:\*\*\*\*