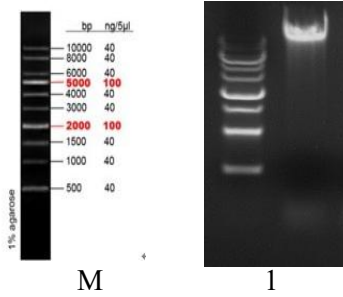
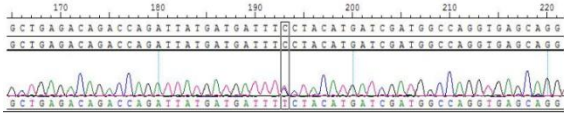


CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene® POLE p.S297F Reference Standard Plus
Catalog No.	CBP10682
Lot No.	CBFA24032903
Format	Genomic DNA
DNA Change	c.890C>T
AA Change	p.S297F
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
%AF	50.00%
Transcript	NM_006231.4
Chr position(GRCh37)	chr12-132676565-G-A
Copy Number	2
Ploidy	1.99
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2024/03/29
Expiry	36 months from the date of manufacture


Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	43.60 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.90 by Nanodrop detection	√
DNA electrophoresis	No Degradation	1kb ladder  M: Marker 1: AI-Edigene® POLE p.S297F Reference Standard Plus	√
Genotype	Positive	 By sanger sequencing	√

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****