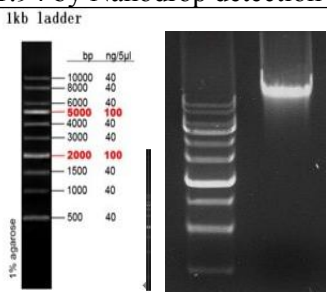
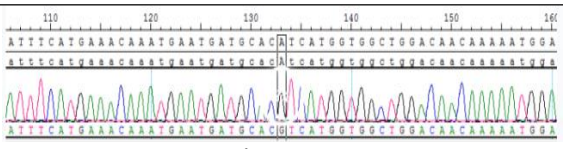


CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene™ PIK3CA p.H1047R Reference Standard Plus
Catalog No.	CBP10518
Lot No.	CBFA22101207
Format	Genomic DNA
DNA Change	c.3140A>G
AA Change	p.H1047R
Mutation Type	Substitution - Missense
Zygosity	Homozygous
%AF	100.00%
Transcript	NM_006218.4
Chr position(GRCh37)	chr3:178952085
Copy Number	1
Ploidy	1
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Oct.-12-2022
Expiry	36 months from the date of manufacture


Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*6 vials	1.00 µg/vial*6 vials	√
Concentration	40.00 ng/uL±10%	40.00 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.94 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>M: Marker I: AI-Edigene™ PIK3CA p.H1047R Reference Standard Plus</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√
%AF	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:****