

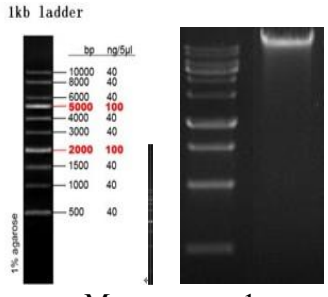
CERTIFICATE OF ANALYSIS

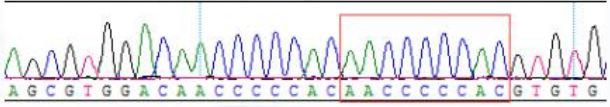
AI-Edigene® EGFR p.H773_V774ins NPH Reference Standard Plus

Product information

Name	AI-Edigene® EGFR p.H773_V774ins NPH Reference Standard Plus
Catalog No.	CBP10411
Lot No.	CGD34427525
Format	Genomic DNA
DNA Change	c.2319_2320insAACCCCCAC
AA Change	p.H773_V774insNPH
Mutation Type	Insertion - In frame
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	ENST00000275493
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	May-31-2019
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 ₂₆₀ /OD ₂₈₀	1.7~2.0	1.81	√
DNA electrophoresis	No Degradation	 <p> 1kb ladder bp ng/5ul 10000 40 8000 40 6000 40 5000 100 4000 40 3000 40 2000 100 1500 40 1000 40 500 40 1% agarose M 1 M: Marker 1: AI-Edigene® EGFR p.H773_V774ins NPH Reference Standard Plus </p>	√

Genotype	Sanger Sequencing		√
Allelic Frequency	100.00%	99.72% 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:****