

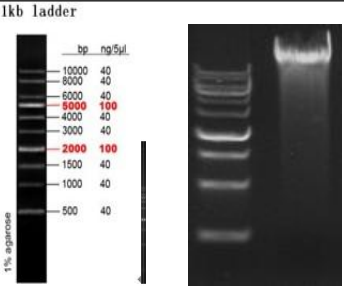
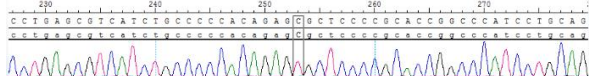
CERTIFICATE OF ANALYSIS

AI-Edigene FGFR3 p.R248C Reference Standard

Product information

Name	AI-Edigene FGFR3 p.R248C Reference Standard
Catalog No.	CBP10521
Lot No.	CGD05283071
Format	Genomic DNA
DNA Change	c.742C>T
AA Change	p.R248C
Mutation Type	Substitution - Missense
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	NM_000142.5
Copy Number	1
Ploidy	1
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Nov.-25-2020
Expiry	36 months from the date of manufacture


Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*2vials	1ug/vial*2vials	√
Concentration	Qubit 3.0	40 ng/ul±10%	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.88	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>5000 100</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>1% agarose</p> <p>M</p> <p>1</p> <p>M: Marker</p> <p>1: AI-Edigene FGFR3 p.R248C Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>248 249 250 251 252</p> <p>CCTGAGCCGTCATCTTCCCCACACAGGCTCTCCCCACCCGCCCATCTTSCAG</p>	√

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****