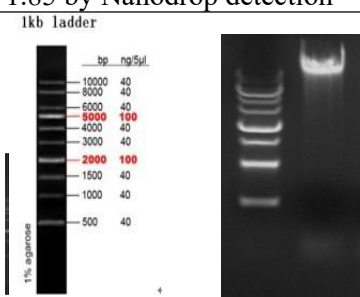
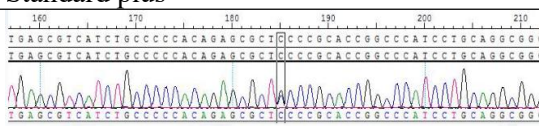


## CERTIFICATE OF ANALYSIS

### Product information

Name	AI-Edigene® FGFR3 p.S249C Reference Standard plus
Catalog No.	CBP10553
Lot No.	GBD66471409
Format	Genomic DNA
DNA Change	c.746C>G
AA Change	p.S249C
Mutation Type	Substitution - Missense
Zygosity	Heterozygous
%AF	50.00%
Transcript	NM_000142.5
Chr position(GRCh37)	chr4:1803568
Copy Number	2
Ploidy	1.98
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Sep.-13-2022
Expiry	36 months from the date of manufacture

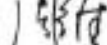
### Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*2 vials	1.00 µg/vial*2 vials	√
Concentration	40.00 ng/uL±10%	43.00 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.85 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: AI-Edigene® FGFR3 p.S249C Reference Standard plus</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√
%AF	50.00%	49.87% 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:\*\*\*\*