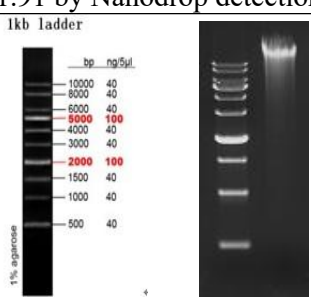
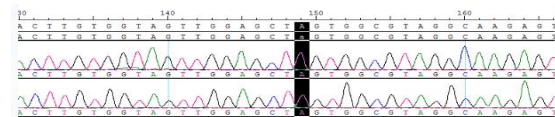


## CERTIFICATE OF ANALYSIS

### Product information

Name	AI-Edigene® KRAS p.G12S Reference Standard Plus
Catalog No.	CBP10476
Lot No.	CBFA23060215
Format	Genomic DNA
DNA Change	c.34G>A
AA Change	p.G12S
Mutation Type	Substitution - Missense
Zygosity	Homozygous
%AF	100.00%
Transcript	ENST00000311936
Chr position(GRCh37)	chr12:25398285
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2023/06/02
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%	38.40 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.91 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: AI-Edigene® KRAS p.G12S Reference Standard Plus</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√

%AF	100.00%	100.00% by DdPCR detection	√
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**Caution:**

For research use only.

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

Certified by:  Date:\*\*\*\*

 Date:\*\*\*\*