

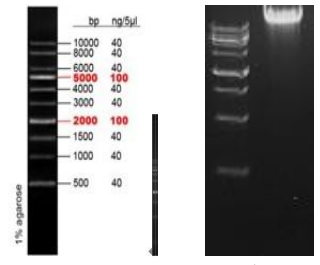
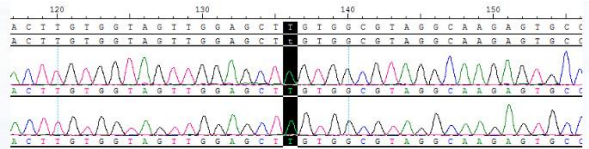
# CERTIFICATE OF ANALYSIS

## KRAS p.G12C Reference Standard Plus

### Product information

Name	KRAS p.G12C Reference Standard Plus
Catalog No.	CBP10478
Lot No.	GBD40210492
Format	Genomic DNA
DNA Change	c.34G>T
AA Change	p.G12C
Mutation Type	Substitution - Missense
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	ENST00000311936
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Apr.-25-2021
Expiry	36 months from the date of manufacture

### Quality Control


Test Items	Standard	Results	Passed
Quantity	3ug/vial*3vials	3ug/vial*3vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.87	√
DNA electrophoresis	No Degradation	<p>1kb ladder</p>  <p>M: Marker 1: KRAS p.G12C Reference Standard Plus</p>	√
Genotype	Sanger Sequencing		√

%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:\*\*\*\*