

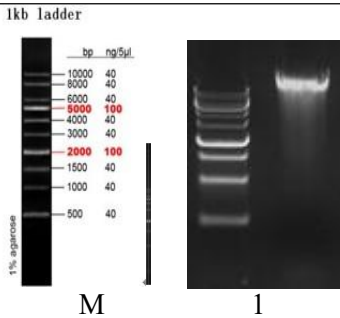
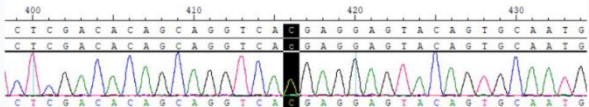
# CERTIFICATE OF ANALYSIS

## KRAS p.Q61H Reference Standard

### Product information

Name	KRAS p.Q61H Reference Standard
Catalog No.	CBP10300
Lot No.	CGD36205127
Format	Genomic DNA
DNA Change	c.183A>C
AA Change	p.Q61H
Mutation Type	Substitution - Missense
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	ENST00000311936
Chr position(GRCh37)	chr12:25380275
Copy Number	2
Ploidy	2.4
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Jul.-28-2022
Expiry	36 months from the date of manufacture

### Quality Control

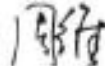
Test Items	Standard	Results	Passed
Quantity	1ug/vial*4vials	1ug/vial*4vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.86	√
DNA electrophoresis	No Degradation	 <p>M: Marker 1: KRAS p.Q61H Reference Standard</p>	√
Genotype	Sanger Sequencing		√

%AF	100%	100% 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:\*\*\*\*