

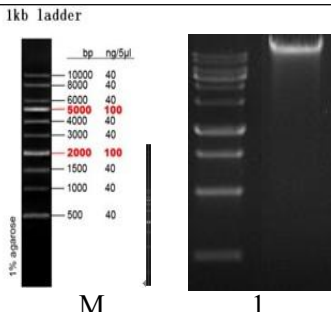
CERTIFICATE OF ANALYSIS

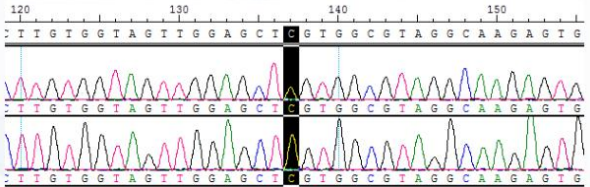
KRAS p.G12R Reference Standard

Product information

Name	KRAS p.G12R Reference Standard
Catalog No.	CBP10295
Lot No.	CGD84348365
Format	Genomic DNA
DNA Change	c.34G>C
AA Change	p.G12R
Mutation Type	Substitution - Missense
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	ENST00000311936
Copy Number	2
Ploidy	2.53
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	May-05-2019
Expiry	36 months from the date of manufacture

Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*1vial	1ug/vial*1vial	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.89	√
DNA electrophoresis	No Degradation	 <p> 1kb ladder bp ng/5ul 10000 40 8000 40 6000 40 4000 40 3000 40 2000 100 1500 40 1000 40 500 40 1% agarose M 1 M: Marker 1: KRAS p.G12R Reference Standard </p>	√

Genotype	Sanger Sequencing		√
%AF	DdPCR	99.91%	√

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****