

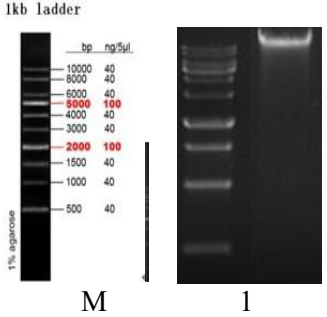
CERTIFICATE OF ANALYSIS

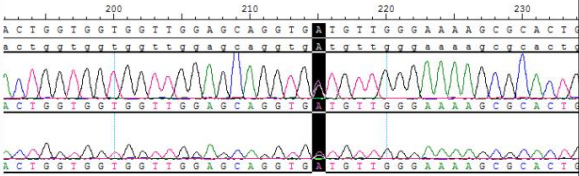
NRAS p.G13D Reference Standard

Product information

Name	NRAS p.G13D Reference Standard
Catalog No.	CBP10317
Lot No.	GBD78146995
Format	Genomic DNA
DNA Change	c.38G>A
AA Change	p.G13D
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	50%
Transcript	NM_002524.5
Copy Number	2
Ploidy	1.9
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Sep.-14-2021
Expiry	36 months from the date of manufacture

Quality Control


Test Items	Standard	Results	Passed
Quantity	1ug/vial*10vials	1ug/vial*10vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.91	√
DNA electrophoresis	No Degradation	 <p> 1kb ladder bp ng/5ul 10000 40 8000 40 6000 40 5000 100 4000 40 3000 40 2000 100 1500 40 1000 40 500 40 1% agarose M 1 M: Marker 1: NRAS p.G13D Reference Standard </p>	√

Genotype	Sanger Sequencing		√
%AF	50%	49.78% 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:****