

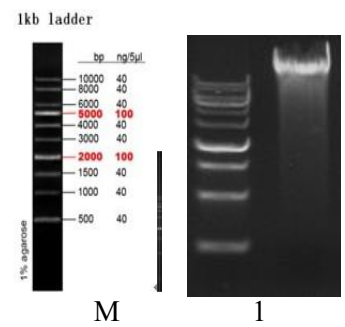
CERTIFICATE OF ANALYSIS

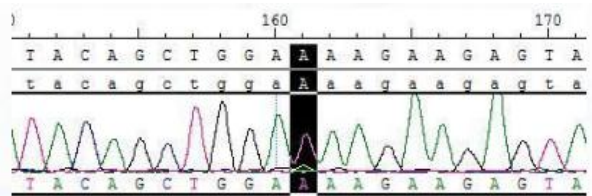
NRAS p.Q61K Reference Standard

Product information

Name	NRAS p.Q61K Reference Standard
Catalog No.	CBP10310
Lot No.	GBD83925008
Format	Genomic DNA
DNA Change	c.181C>A
AA Change	p.Q61K
Mutation Type	Substitution - Missense
Zygosity	Heterozygous
Allelic Frequency	85.71%
Transcript	ENST00000369535
Copy Number	7
Ploidy	3.68
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Feb.-28-2022
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	1.84	√
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: NRAS p.Q61K Reference Standard </p>	√

Genotype	Sanger Sequencing		√
%AF	85.71%	87.2% 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:****