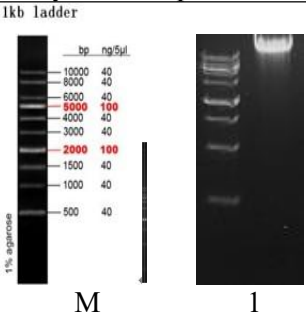


CERTIFICATE OF ANALYSIS

Product information

Name	NPM1 p.R277W Reference Standard
Catalog No.	CBP10538
Lot No.	GBD63576753
Format	Genomic DNA
DNA Change	c.829C>T
AA Change	p.R277W
Mutation Type	Missense Mutation
Zygoty	Heterozygous
%AF	3.57% (ddPCR)
Transcript	NM_002520.7
Chr position(GRCh37)	chr5:170834761
Copy Number	3
Ploidy	3.74
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2022/07/28
Expiry	36 months from the date of manufacture

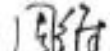
Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	40.00 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	182 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: NPM1 p.R277W Reference Standard</p>	√
%AF	3.57%	3.57% 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:****