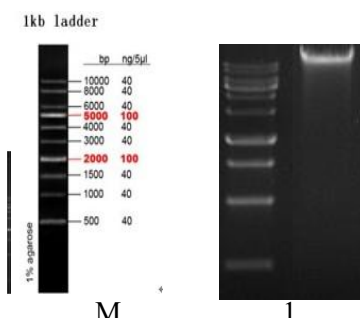
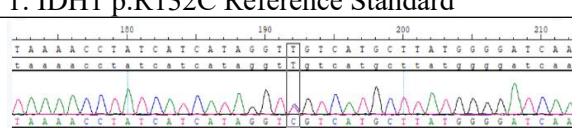


CERTIFICATE OF ANALYSIS

Product information

Name	IDH1 p.R132C Reference Standard
Catalog No.	CBP10290
Lot No.	CBFA23020309
Format	Genomic DNA
DNA Change	c.394C>T
AA Change	p.R132C
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
%AF	50.00%
Transcript	ENST00000345146
Chr position(GRCh37)	chr2:209113113
Copy Number	2
Ploidy	1.99
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Feb.-03-2023
Expiry	36 months from the date of manufacture


Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*3 vials	1.00 µg/vial*3 vials	√
Concentration	40.00 ng/uL±10%	39.40 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.92 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5µl</p> <p>10000 40 8000 40 6000 40 5000 100 4000 40 3000 40 2000 100 1500 40 1000 40 500 40</p> <p>1% agarose</p> <p>M 1</p> <p>M: Marker 1: IDH1 p.R132C Reference Standard</p>	√
Genotype	Positive	 <p>By sanger sequencing</p>	√
%AF	50.00%	49.67% 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:****