

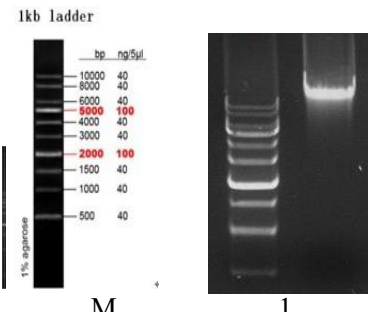
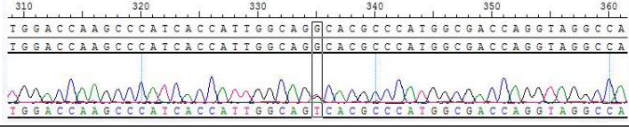
# CERTIFICATE OF ANALYSIS

## IDH2 p.R172S Reference Standard

### Product information

Name	IDH2 p.R172S Reference Standard
Catalog No.	CBP10291
Lot No.	CGD70932004
Format	Genomic DNA
DNA Change	c.516G>T
AA Change	p.R172S
Mutation Type	Substitution - Missense
Zygoty	Heterozygous
Allelic Frequency	51.40%
Transcript	ENST00000330062
Copy Number	N/A
Ploidy	N/A
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Mar.-29-2019
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 <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.75	√
DNA electrophoresis	No Degradation	 <p style="text-align: center;">M                      1</p> <p style="text-align: center;">M: Marker 1: IDH2 p.R172S Reference Standard</p>	√
Genotype	Sanger Sequencing		√
%AF	50%	51.3% 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:\*\*\*\*