

## **CERTIFICATE OF ANALYSIS** IDH2 p.R172S Reference Standard

## **Product information**

Name	IDH2 n D1725 Deference Standard
	IDH2 p.R172S Reference Standard
Catalog No.	CBP10291
Lot No.	GBD57135562
Format	Genomic DNA
DNA Change	c.516G>T
AA Change	p.R172S
Mutation Type	Substitution - Missense
Zygosity	Heterozygous
Allelic Frequency	50%
Transcript	ENST00000330062
Copy Number	N/A
Ploidy	N/A
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Jul29-2021
Expiry	36 months from the date of manufacture

## **Quality Control**

Test Items	Standard	Results	Passed
Quantity	lug/vial*1vial	lug/vial*1vial	$\checkmark$
Concentration	Qubit 3.0	40 ng/uL±10%	$\checkmark$
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.75	
DNA electrophoresis	No Degradation	Ikb ladder Ikb ladder M 1 M: Marker 1:IDH2 p.R172S Reference Standard	V
Genotype	Sanger Sequencing	310 320 330 340 350 360   166ACCAAGCCCATCACCATTGCCAGCCAGCCAGCCAGCCATGCCCACCACCACCACCACCA 166ACCAAGCCCATCACCATTGCCAGCCACCACCACCACCACCACCACCACCACCACCACC	
%AF	50%	51.3% by DdPCR detection	

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## **Caution:**

For research use only. If you have any questions about the Certificate of Analysis, please contact us.

Certified by: 月時行 Date:\*\*\*\* 月朝望命 Date:\*\*\*

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