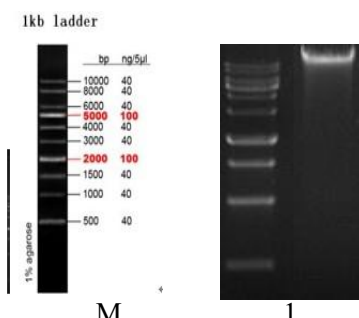
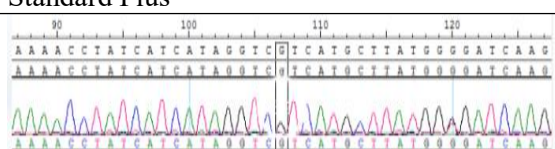


CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene™ IDH1 p.R132H Reference Standard Plus
Catalog No.	CBP10516
Lot No.	CBFA23020802X
Format	Genomic DNA
DNA Change	c.395G>A
AA Change	p.R132H
Mutation Type	Substitution - Missense
Zygotity	Heterozygous
%AF	50.00%
Transcript	NM_005896.4
Chr position(GRCh37)	chr2:209113112
Copy Number	2
Ploidy	1.98
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Feb.-08-2023
Expiry	36 months from the date of manufacture

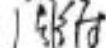
Quality Control

Test Items	Standard	Results	Passed
Quantity	5.00 µg/vial*1 vial	5.00 µg/vial*1 vial	√
Concentration	40.00 ng/uL±10%	41.00 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.78 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p> 1kb ladder bp ng/5µl 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: AI-Edigene™ IDH1 p.R132H Reference Standard Plus </p>	√
Genotype	Positive	 <p> By sanger sequencing </p>	√
%AF	50.00%	50.12% 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:****