

## **CERTIFICATE OF ANALYSIS**

## **Product information**

Name	ALEdian of DIV2CA a E545V Deference Steaded Dive
Name	AI-Edigene® PIK3CA p.E545K Reference Standard Plus
Catalog No.	CBP10517
Lot No.	CBFA22102913
Format	Genomic DNA
DNA Change	c.1633G>A
AA Change	p.E545K
Mutation Type	Substitution - Missense
Zygosity	Homozygous
%AF	100.00%
Transcript	NM_006218.4
Chr position(GRCh37)	chr3:178936091
Copy Number	1
Ploidy	1
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Oct29-2022
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%	41.00 ng/uL by Qubit 3.0 detection	
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.90 by Nanodrop detection	
DNA electrophoresis	No Degradation	Ikb ladder Ikb la	$\checkmark$
Genotype	Positive	By sanger sequencing	$\checkmark$

No.222 Changhong Road, Yuhua District,Nanjing,Jiangsu www.cobioer.com Tel: 4008-750-250 QQ: 4008-750-250 Email: sales@cobioer.com



Your Intimate Partner in Biosciences!

%AF

100.00%

100.00% by DdPCR detection

## **Caution:**

For research use only.

If you have any questions about the Certificate of Analysis, please contact us.

Certified by: 月時行 Date:\*\*\*\* 項望命 Date:\*\*\*

No.222 Changhong Road, Yuhua District,Nanjing,Jiangsu www.cobioer.com Tel: 4008-750-250 QQ: 4008-750-250 Email: sales@cobioer.com