Tel: 4008-750-250 QQ: 4008-750-250

Email: sales@cobioer.com



CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene® c-KIT p.D816V Reference Standard Plus	
Catalog No.	CBP10507	
Lot No.	GBD17225422	
Format	Genomic DNA	
DNA Change	c.2447A>T	
AA Change	p.D816V	
Mutation Type	e Substitution - Missense	
Zygosity	Homozygous	
%AF	100.00%	
Transcript	NM_000222.2	
Copy Number	2	
_Ploidy	1.99	
Buffer	Tris-EDTA	
Storage Conditions	4°C	
Date of Manufacture	Jul28-2022	
Expiry	36 months from the date of manufacture	

Quality Control

Quanty Control				
Test Items	Standard	Results	Passed	
Quantity	1.00 μg/vial*1 vial	1.00 μg/vial*1 vial		
Concentration	35.00 ng/uL±10%	35.00 ng/uL by Qubit 3.0 detection		
OD_{260}/OD_{280}	1.7~2.1	1.81 by Nanodrop detection		
DNA electrophoresis	No Degradation	No. Marker 1: AI-Edigene® c-KIT p.D816V Reference Standard Plus Stan	V	
Genotype	Positive	226 220 240 250 250 260 CAAAGATITIGGATTITGGTCTAGCCAGAGACATCAAGAATGATTCTAATTATGTGGTTAA CAAAGATTTGTGATTITGGTCTAGCCAGAGACACAAGAATGATTCTAATTATGTGGTTAA CAAAGATTTGTGATTTGGTCTAGCCAGAGACAAGAATGATTCTAATTATGTGGTTAA CAAAGATTTGTGATTTGGTCTAGCCAGAGACAAGAATGATTCTAATTATGTGGTTAA CAAAGATTTGTGATTTGGTCTAGCCAGAGACAAGAATGATTCTAATTATGTGGTTAA By sanger sequencing	V	
%AF	100.00%	99.93% by DdPCR detection	V	





Caution:

For research use only.

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

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Certified by: Date: ****

Date: ****