

CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene® EML4(E18)-ALK(E20) V1 Fusion		
Catalog No.	CBP20169R		
Lot No.	CBFA24032807X		
Format	RNA		
Left Gene	EML4(E18)		
Left Breakpoint	chr2:42543190:+		
Right Gene	ALK(E20)		
Right Breakpoint	chr2:29446394:-		
Ploidy	1.98		
Buffer	RNase-free H ₂ O		
Storage Conditions	-80°C		
Date of Manufacture	2024/03/28		
Expiry	12 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	$60.00 \text{ ng/uL} \pm 10\%$	66.00 ng/uL by Nanodrop detection	√	
OD ₂₆₀ /OD ₂₈₀	1.8~2.2	1.87 by Nanodrop detection	V	
RQN value	>8	9.38 by Qsep1 detection		
Genotype	Positive	290 300 510 320 330 940 ACAGCTCTCTGTGATGCGCTACTCAATAGTGTACCGCCGGAAGCACCAGGAAGCTGCA ACAGCTCTCTGTGATGCGCTACTCAATAGTGTACCGCCGGAAGCACCAGGAAGCTGCA ACAGCTCTCTGTGATGCGCTACTCAATAGTGTACCGCCGGAAGCACCAGGAAGCTGCA MACAGCTCTCTGTGATGCGCTACTCAATAGTGTACCGCCGGAAGCACCAGGAAGCTGCA By Sanger Sequencing	V	
Copy number	Positive	130 copies/ng by DdPCR detection	1	

Caution:

For research use only.

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

Certified by: Date:***

Date:****

Date:****

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