

CERTIFICATE OF ANALYSIS

Product information

Name	AI-Edigene® EML4(E18)-ALK(E20) V1 Fusion			
Catalog No.	CBP20169R			
Lot No.	CBFA24021910X			
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	2024/02/19			
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	$60.00 \text{ ng/uL} \pm 10\%$	63.30 ng/uL by Nanodrop detection	V	
OD_{260}/OD_{280}	1.8~2.2	1.87 by Nanodrop detection	V	
RQN value	>8	9.05 by Qsep1 detection		
Genotype	Positive	290 300 310 320 330 340 ACAGCTCTCTGTGATGCGCTACTCAATAGTGTACCGCCGGAAGCACCAGGAAGCTGCA ACAGCTCTCTGTGATGCGCTACTCAATAGTGTACCGCCGGAAGCACCAGGAAGCTGCA MACAGCTCTCTGTGATGCGCTACTCAATAGTGTACCGCCGGAAGCACCAGGAAGCTGCA MACAGCTCTCTGTGATGCGCTACTCAATAGTGTACCGCCGGAAGCACCAGGAAGCTGCA By Sanger Sequencing	V	
Copy number	Positive	130 copies/ng by DdPCR detection	V	

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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