

## **CERTIFICATE OF ANALYSIS**

## **Product information**

Name	AI-Edigene® EML4(E18)-ALK(E20) V1 Fusion	
Catalog No.	CBP20169R	
Lot No.	CBFA22112508X	
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 <sub>2</sub> O	
Storage Conditions	-80°C	
Date of Manufacture	Nov25-2022	
Expiry	12 months from the date of manufacture	

**Ouality Control** 

Quality Control				
<b>Test Items</b>	Standard	Results	Passed	
Quantity	1.00 μg/vial*1 vial	1.00 μg/vial*1 vial		
Concentration	$60.00 \text{ ng/uL} \pm 10\%$	60.00 ng/uL by Nanodrop detection	V	
OD <sub>260</sub> /OD <sub>280</sub>	1.8~2.2	1.83 by Nanodrop detection	V	
RQN value	>9	9.81 by Qsep1 detection		
Genotype	Positive	290 300 310 320 330 340  ACAGCICICIGIGAT SCGCTACTCAATAGTSTACCGCCGGAAGCACCAGGAAGCTGCA  ACAGCICICIGIGAT GCGCTACTCAATAGTGTACCGCCGGAAGCACCAGGAAGCTGCA  ACAGCICICIGIGAT GCGCTACTCAATAGTGTACCGCCGGAAGCACCAGGAAGCTGCA  MACAGCTCTCTGTGGATGCGCTACTCAATAGTGTACCGCCGGAAGCACCAGGAAGCTGCA  By Sanger Sequencing	√	
Copy number	Positive	3987.06 copies/ng by DdPCR detection	V	

## **Caution:**

For research use only.

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

Tel: 4008-750-250

QQ: 4008-750-250

Email: sales@cobioer.com

Certified by: Date:\*\*\*

Date:\*\*\*\*

Date:\*\*\*\*