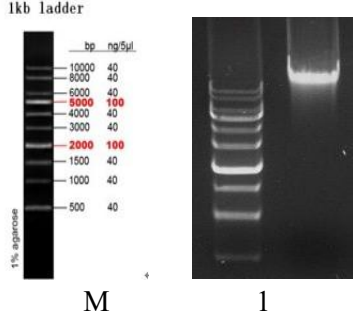
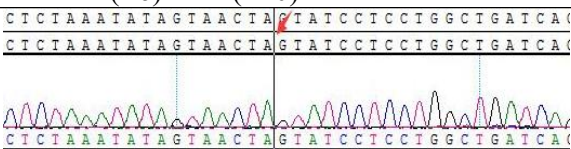


CERTIFICATE OF ANALYSIS

Product information

Name	EML4(E6)-ALK(E20) Translocation
Catalog No.	CBP20074D
Lot No.	CGFA23050610
Format	Genomic DNA
Left Gene	EML4(E6)
Left Breakpoint	chr2:42493956:+
Left Gene Copy Number	3
Right Gene	ALK(E20)
Right Breakpoint	chr2:29448092:-
Right Gene Copy Number	3
Ploidy	3.74
%AF	33.33%
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2023/05/06
Expiry	36 months from the date of manufacture

Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*2 vials	1.00 µg/vial*2 vials	√
Concentration	40.00 ng/uL±10%	43.40 ng/uL by Qubit 3.0 detection	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.94 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5µl</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>5000 100</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>1% agarose</p> <p>M</p> <p>1</p> <p>M: Marker</p> <p>1: EML4(E6)-ALK(E20) Translocation</p>	√
Genotype	Positive	 <p>CTCTAAATATAGTAACTAGTATCCTCCTGGCTGATCA(</p> <p>CTCTAAATATAGTAACTAGTATCCTCCTGGCTGATCA(</p> <p>By Sanger Sequencing</p>	√
%AF	33.33%	33.20% by DdPCR detection	√

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****