

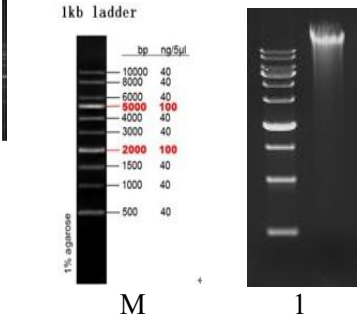
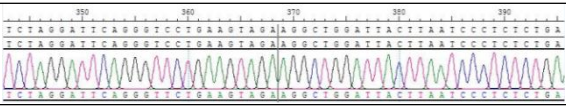
CERTIFICATE OF ANALYSIS

AI-Edigene® CD74(E6)-ROS1(E34) Translocation

Product information

Name	AI-Edigene® CD74(E6)-ROS1(E34) Translocation
Catalog No.	CBP20177D
Lot No.	GBD08729516
Format	Genomic DNA
Left Gene	CD74(E6)
Left Breakpoint	chr5:149783684:- (hg19)
Left Gene Copy Number	2
Right Gene	ROS1(E34)
Right Breakpoint	chr6:117646732:- (hg19)
Right Gene Copy Number	2
Ploidy	1.99
%AF	50%
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Jun.-09-2022
Expiry	36 months from the date of manufacture

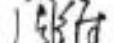
Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*20vials	1ug/vial*20vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.85	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</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>M</p> <p>1</p> <p>M: Marker</p> <p>1: AI-Edigene® CD74(E6)-ROS1(E34) Translocation</p>	√
Genotype	Sanger Sequencing	 <p>350 340 330 320 310</p> <p>TCTAGGATTCAGGSTCCCTGAAGTAGAAGGCTGGATTAACCTAATCCCTCTCGA</p> <p>TCTAGGATTCAGGSTCCCTGAAGTAGAAGGCTGGATTAACCTAATCCCTCTCGA</p> <p>TCTAGGATTCAGGSTCCCTGAAGTAGAAGGCTGGATTAACCTAATCCCTCTCGA</p>	√
%AF	50%	50.1% 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:****