Tel: 4008-750-250 QQ: 4008-750-250

Email: sales@cobioer.com



## **CERTIFICATE OF ANALYSIS**

## **Product information**

Name	FLT3-ITD p.E598 Y599insFDFREYE Reference Standard	
Catalog No.	CBP10431	
Lot No.	CBFA23020620	
Format	Genomic DNA	
DNA Change	c.1795-1796 ins21(TTGATTTCAGAGAATATGAAT)	
AA Change	p.E598_Y599insFDFREYE	
Mutation Type	Insertion - In frame	
Zygosity	Heterozygous	
%AF	66.67%	
Transcript	NM_004119.2	
Copy Number	3	
Ploidy	2.17	
Buffer	Tris-EDTA	
Storage Conditions	4°C	
Date of Manufacture	2023/02/06	
Expiry	36 months from the date of manufacture	

**Quality Control** 

Quanty Control				
<b>Test Items</b>	Standard	Results	Passed	
Quantity	1.00 μg/vial*1 vial	1.00 μg/vial*1 vial	√	
Concentration	40.00 ng/uL±10%	39.80 ng/uL by Qubit 3.0 detection	√	
$OD_{260}/OD_{280}$	1.7~2.1	1.82 by Nanodrop detection	√	
DNA electrophoresis	No Degradation	1kb ladder	√	
Genotype	Positive	By Sanger Sequencing	V	





%AF

66.67%

65.40% 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:\*\*\*

Date: \*\*\*

Tel: 4008-750-250

QQ: 4008-750-250 Email: sales@cobioer.com