

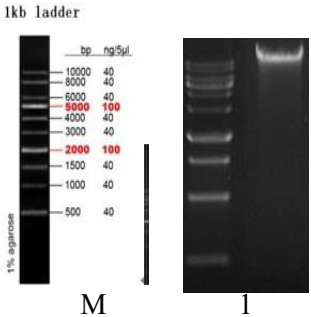
CERTIFICATE OF ANALYSIS

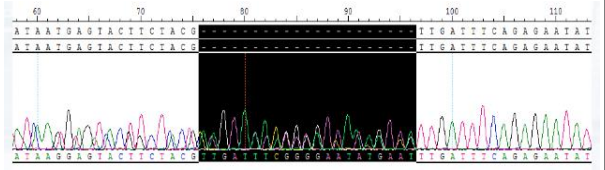
FLT3-ITD p.E598_Y599insFDFREYE Reference Standard

Product information

Name	FLT3-ITD p.E598_Y599insFDFREYE Reference Standard
Catalog No.	CBP10431
Lot No.	GBD12959732
Format	Genomic DNA
DNA Change	c.1795-1796 ins21(TTGATTTCAGAGAATATGAAT)
AA Change	p.E598_Y599insFDFREYE
Mutation Type	Insertion - In frame
Zygosity	Heterozygous
Allelic Frequency	66.67%
Transcript	NM_004119.2
Copy Number	3
Ploidy	2.17
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Oct.-08-2021
Expiry	36 months from the date of manufacture

Quality Control


Test Items	Standard	Results	Passed
Quantity	1ug/vial*1vial	1ug/vial*1vial	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.82	√
DNA electrophoresis	No Degradation	 <p> 1kb ladder bp ng/5ul 10000 40 8000 40 6000 40 4000 100 3000 40 2000 100 1500 40 1000 40 500 40 1% agarose M 1 M: Marker 1: FLT3-ITD p.E598_Y599insFDFREYE Reference Standard </p>	√

Genotype	Sanger Sequencing		√
%AF	66.67%	65.4% 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:****