

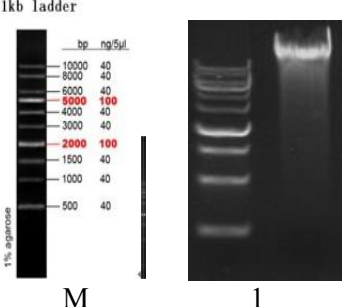
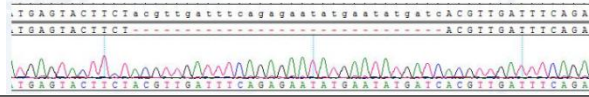
# CERTIFICATE OF ANALYSIS

## FLT3-ITD p.D600\_L601ins10 Reference Standard

### Product information

Name	FLT3-ITD p.D600_L601ins10 Reference Standard
Catalog No.	CBP10421
Lot No.	CGD30846582
Format	Genomic DNA
DNA Change	c.1801_1802ins30(ACGTTGATTTTCAGAGAATATGAATATGATC)
AA Change	p.D600_L601ins10
Mutation Type	Insertion - In frame
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	NM_004119.2
Copy Number	2
Ploidy	2.01
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Dec.-18-2021
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 <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.90	√
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.D600_L601ins10 Reference Standard         </p>	√
Genotype	Sanger Sequencing		√
%AF	100%	100% 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:\*\*\*\*