

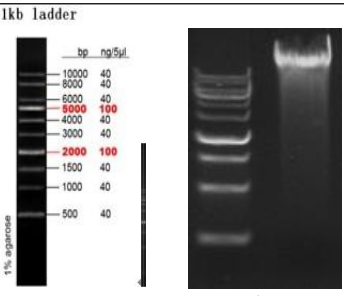
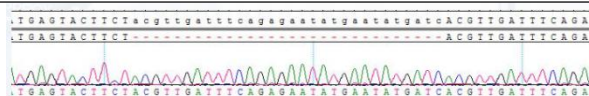
# CERTIFICATE OF ANALYSIS

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

### Product information

Name	FLT3-ITD p.D600_L601ins10 Reference Standard
Catalog No.	CBP10421
Lot No.	CGD85408659
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	Aug.-01-2019
Expiry	36 months from the date of manufacture


### Quality Control

Test Items	Standard	Results	Passed
Quantity	1ug/vial*3vials	1ug/vial*3vials	√
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</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>1% agarose</p> <p>M 1</p> <p>M: Marker</p> <p>1: FLT3-ITD p.D600_L601ins10 Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>           T G A S T A C T T C T a c g t t g a t t t c a g a g a a t a t g a a t a t g a t c a c g t t g a t t t c a g a            T G A S T A C T T C T ----- A C G T T G A T T T C A G A            T G A S T A C T T C T A C G T T G A T T T C A G A G A A T A T G A A T A T G A T C A C G T T G A T T T C A G A         </p>	√
%AF	DdPCR	100%	√

**Caution:**

For research use only.

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

Certified by:  Date:\*\*\*\*

 Date:\*\*\*\*