

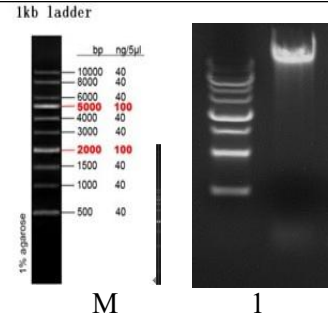
# CERTIFICATE OF ANALYSIS

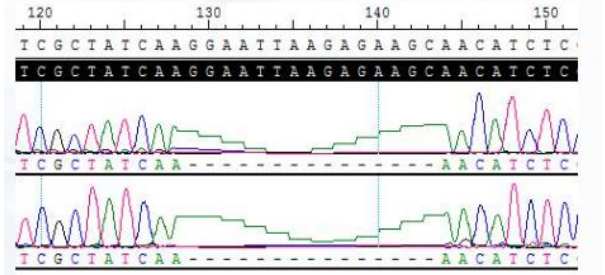
## EGFR p.E746\_A750delELREA Reference Standard

### Product information

Name	EGFR p.E746_A750delELREA Reference Standard
Catalog No.	CBP10334
Lot No.	CGD73701925
Format	Genomic DNA
DNA Change	c.2235_2249del15 GGAATTAAGAGAAGC>-
AA Change	p.E746_A750delELREA
Mutation Type	Deletion - In frame
Zygoty	Heterozygous
Allelic Frequency	88.9%
Transcript	ENST00000275493
Copy Number	6
Ploidy	3.14
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	May-06-2021
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	1.84	√
DNA electrophoresis	No Degradation	 <p>           1kb ladder            bp ng/5ul            10000 40            8000 40            6000 40            5000 100            4000 40            3000 40            2000 100            1500 40            1000 40            500 40            1% agarose            M            1            M: Marker            1: EGFR p.E746_A750delELREA Reference Standard         </p>	√

Genotype	Sanger Sequencing		√
%AF	88.9%	88.7% 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:\*\*\*\*