

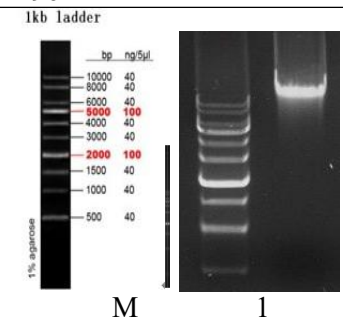
# CERTIFICATE OF ANALYSIS

## Negative Control

### General information

Name:	Negative control
Catalog No.	CBP10000D
Lot No.	CGD27320712
Format	Genomic DNA
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Jun.-14-2019
Expiry	36 months from the date of manufacture

### Quality Control

Test Items	Standard	Results	Passed
Quantity	5ug/vial*1 vial	5ug/vial*1 vial	√
Concentration	Qubit 3.0	40 ng/uL	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.96	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40 8000 40 6000 40 4000 40 3000 40 2000 100 1500 40 1000 40 500 40</p> <p>M 1</p> <p>M: Marker 1: Negative control</p>	√

Mutation	Results	Passed
BRAF V600E	Negative	√
EGFR C797S	Negative	√
EGFR E746_A750del c.2235_2249del15	Negative	√
EGFR E746_A750del c.2236_2250del15	Negative	√
EGFR T790M	Negative	√
EGFR L858R	Negative	√
EGFR G719S	Negative	√
EGFR S768I	Negative	√
EGFR L861Q	Negative	√
EGFR V769_D770insASV	Negative	√
EGFR L747_P753delinsS	Negative	√
EGFR L747_A750>P	Negative	√

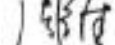
ERBB2 A775_G776insYVMA	Negative	√
KRAS Q61H	Negative	√
KRAS Q61K	Negative	√
KRAS Q61L	Negative	√
KRAS Q61R	Negative	√
KRAS G12D	Negative	√
KRAS G12V	Negative	√
KRAS G12C	Negative	√
KRAS G12R	Negative	√
KRAS G12A	Negative	√
KRAS G12S	Negative	√
KRAS G13D	Negative	√
KRAS G13C	Negative	√
KRAS G13S	Negative	√
KRAS G13R	Negative	√
KRAS G13A	Negative	√
KRAS G13V	Negative	√
MET c.3082+1G>T	Negative	√
NRAS Q61R	Negative	√
NRAS Q61K	Negative	√
NRAS Q61L	Negative	√
NRAS Q61H	Negative	√
NRAS Q61P	Negative	√
NRAS G12D	Negative	√
NRAS G12S	Negative	√
NRAS G12C	Negative	√
NRAS G12V	Negative	√
NRAS G12A	Negative	√
NRAS G12R	Negative	√
NRAS G13D	Negative	√
PIK3CA H1047R	Negative	√
PIK3CA E545K	Negative	√
TP53 R273H	Negative	√
EML4-ALK (E13-A20)	Negative	√
EML4-ALK (E6-A20)	Negative	√
CCDC6-RET	Negative	√
SLC34A2-ROS1	Negative	√
ERBB2 CNV	CN=2	√
MET CNV	CN=2	√
EGFR CNV	CN=2	√

FGFR1 CNV	CN=2	√
FGFR2 CNV	CN=2	√

**Caution:**

For research use only.

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

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

 Date:\*\*\*\*