

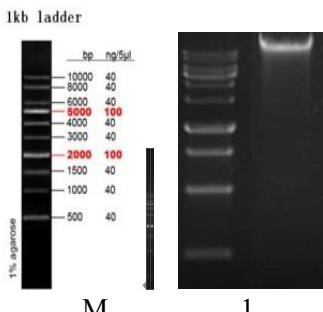
# CERTIFICATE OF ANALYSIS

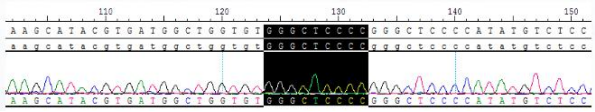
## AI-Edigene® ERBB2 p.P780\_Y781insGSP Reference Standar Plus

### Product information

Name	AI-Edigene® ERBB2 p.P780_Y781insGSP Reference Standar Plus
Catalog No.	CBP10472
Lot No.	GBD96704319
Format	Genomic DNA
DNA Change	c.2330_2331insGGGCTCCCC
AA Change	p.P780_Y781insGSP
Mutation Type	Insertion - In frame
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	NM_004448.3
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Dec.-02-2019
Expiry	36 months from the date of manufacture

### Quality Control


Test Items	Standard	Results	Passed
Quantity	1ug/vial*2vials	1ug/vial*2vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.79	√
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: AI-Edigene® ERBB2 p.P780_Y781insGSP Reference Standar Plus         </p>	√

Genotype	Sanger Sequencing		√
%AF	100%	99.93% 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:\*\*\*\*