

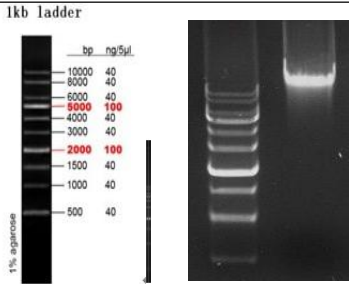
# CERTIFICATE OF ANALYSIS

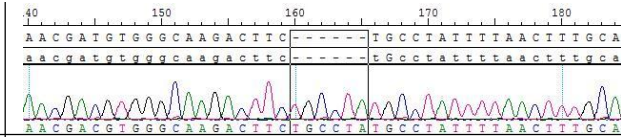
## AI-Edigene® c-KIT p.A502\_Y503dup Reference Standard Plus

### Product information

Name	AI-Edigene® c-KIT p.A502_Y503dup Reference Standard Plus
Catalog No.	CBP10510
Lot No.	GBD76754164
Format	Genomic DNA
DNA Change	c.1504_1509dupGCCTAT
AA Change	p.A502_Y503dup
Mutation Type	Substitution - Missense
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	NM_001093772.1
Copy Number	2
Ploidy	1.99
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Sep.-15-2021
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	1.78	√
DNA electrophoresis	No Degradation	 <p>           1kb ladder            bp ng/5ul            10000 40            8000 40            6000 40            4000 40            2000 100            1500 40            1000 40            500 40            1% agarose            M            1            M: Marker            1: AI-Edigene® c-KIT p.A502_Y503dup Reference Standard Plus         </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:\*\*\*\*