

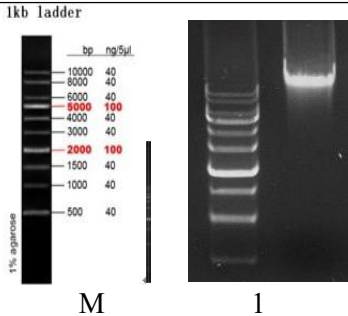
# CERTIFICATE OF ANALYSIS

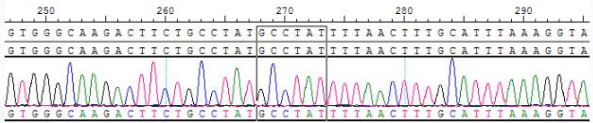
## AI-Edigene™ c-KIT p.A502\_Y503dup Reference Standard Plus

### Product information

Name	AI-Edigene™ c-KIT p.A502_Y503dup Reference Standard Plus
Catalog No.	CBP10510
Lot No.	GBD24271071
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	Oct.-23-2020
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	1.78	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>M: Marker 1: AI-Edigene™ c-KIT p.A502_Y503dup Reference Standard Plus</p>	√

Genotype	Sanger Sequencing		√
%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:\*\*\*\*