

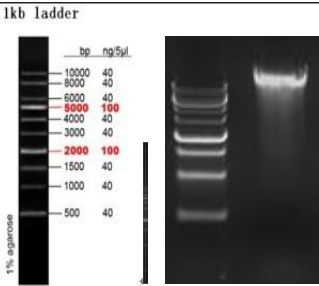
# CERTIFICATE OF ANALYSIS

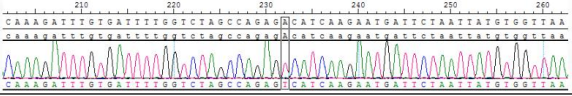
## AI-Edigene™ c-KIT p.D816V Reference Standard Plus

### Product information

Name	AI-Edigene™ c-KIT p.D816V Reference Standard Plus
Catalog No.	CBP10507
Lot No.	GBD92046057
Format	Genomic DNA
DNA Change	c.2447A>T
AA Change	p.D816V
Mutation Type	Substitution - Missense
Zygosity	Homozygous
Allelic Frequency	100%
Transcript	NM_000222.2
Copy Number	2
Ploidy	1.99
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	May-26-2020
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	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.81	√
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         </p> <p>M: Marker 1: AI-Edigene™ c-KIT p.D816V Reference Standard Plus</p>	√

Genotype	Sanger Sequencing		√
%AF	DdPCR	99.93%	√

**Caution:**

For research use only.

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

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

 Date:\*\*\*\*