

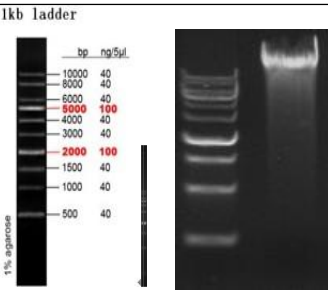
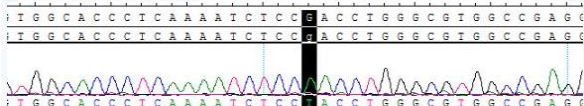
CERTIFICATE OF ANALYSIS

STK11 p.D194Y Reference Standard

Product information

Name	STK11 p.D194Y Reference Standard
Catalog No.	CBP10420
Lot No.	CGD22069353
Format	Genomic DNA
DNA Change	c.580G>T
AA Change	p.D194Y
Mutation Type	Substitution - Missense
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	ENST00000326873
Chr position(GRCh37)	chr19:1220487
Copy Number	2
Ploidy	2.65
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Jun.-17-2022
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 ₂₆₀ /OD ₂₈₀	1.7~2.0	1.79	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>5000 100</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>1% agarose</p> <p>M 1</p> <p>M: Marker</p> <p>1: STK11 p.D194Y Reference Standard</p>	√
Genotype	Sanger Sequencing	 <p>TGGCACCCTCAAAAATCTCCACCTGGGGCGTGGCCGAGG</p> <p>TGGCACCCTCAAAAATCTCCACCTGGGGCGTGGCCGAGG</p>	√

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****