

CERTIFICATE OF ANALYSIS BRAF p.V600E Reference Standard

Product information

Name	BRAF p.V600E Reference Standard
Catalog No.	CBP10234
Lot No.	GBD33241602
Format	Genomic DNA
DNA Change	c.1799T>A
AA Change	p.V600E
Mutation Type	Substitution - Missense
Zygosity	Homozygous
Allelic Frequency	66.67%
Transcript	ENST00000288602
Copy Number	3
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Oct15-2020
Expiry	36 months from the date of manufacture

Quality Control

Test Items			
	Standard	Results	Passed
Quantity	lug/vial*1vial	1ug/vial*1vial	
Concentration	Qubit 3.0	40 ng/uL±10%	\checkmark
OD ₂₆₀ /OD ₂₈₀	1.7~2.0	1.80	\checkmark
DNA electrophoresis	No Degradation	Ikb ladder 1kb la	N
Genotype	Sanger Sequencing	190 210 220 A T T T T G G T C T A G C T A C A G T G A A A T C T C G A T G G A G T G G a t t t t g g t C T a g C t a C a g t g a a t C t C g a t g g a g t g g A T T T T G G T C T A G C T A C A G T A G C A A T C T C G A T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A G T G G A	
%AF	66.67%	66.31% by DdPCR detection	

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