

## **CERTIFICATE OF ANALYSIS**

## **Product information**

Name	KRAS p.G13C Reference Standard
Catalog No.	CBP10299#
Lot No.	CBFA23020307
Format	Genomic DNA
DNA Change	c.37G>T
AA Change	p.G13C
Mutation Type	Substitution - Missense
Zygosity	Heterozygous
%AF	50.00%
Transcript	ENST00000311936
Chr position(GRCh37)	chr12:25398282
Copy Number	2
_Ploidy	2.02
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	Feb03-2023
Expiry	36 months from the date of manufacture

## **Quality Control**

<b>Test Items</b>	Standard	Results	Passed
Quantity	1.00 μg/vial*3 vials	1.00 μg/vial*3 vials	
Concentration	40.00 ng/uL±10%	38.30 ng/uL by Qubit 3.0 detection	
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.74 by Nanodrop detection	$\checkmark$
DNA electrophoresis	No Degradation	Ikb ladder 1kb ladder 1	V
Genotype	Positive	$\underbrace{\begin{smallmatrix} 2760 \\ T & G & C & A & G & T & T & G & G & A & G & C & T & G & G & G & T \\ \hline T & G & C & A & G & T & T & G & G & A & G & C & T & G & G & C & A & A & G & A & G & T & G \\ \hline T & G & C & A & G & T & T & G & A & G & C & T & G & G & C & A & A & G & A & G & T & G \\ \hline T & G & T & A & G & T & T & G & A & G & C & T & G & G & C & A & A & G & A & G & T & G \\ \hline T & G & T & A & G & T & T & G & A & G & C & T & G & G & C & T & A & G & G & C & A & A & G & A & G & T & G \\ \hline T & G & T & A & G & T & T & G & A & G & C & T & G & G & C & T & A & G & G & C & A & A & G & A & G & T & G \\ \hline T & G & T & A & G & T & T & G & A & G & C & T & G & G & C & T & A & G & G & C & A & A & A & G & T & G \\ \hline T & G & T & A & G & T & T & G & A & G & C & T & G & G & C & G & T & A & G & G & C & A & A & A & A & G & T & G \\ \hline T & G & T & A & G & T & T & G & A & G & C & T & G & G & C & T & A & G & G & C & A & A & A & A & G & T & G \\ \hline T & G & T & A & G & T & T & G & A & G & C & T & G & G & C & G & T & A & G & G & C & A & A & A & A & G & T & G \\ \hline T & G & T & A & G & T & T & G & A & G & C & T & G & G & C & G & T & A & G & G & C & A & A & G & A & G & T & G \\ \hline T & G & T & A & G & T & T & G & A & G & C & T & G & G & C & A & A & G & A & G & T & G \\ \hline T & T & G & T & A & G & T & T & G & G & C & A & G & G & C & A & A & A & A & G & T & G \\ \hline T & T & T & T & T & G & A & G & C & T & G & G & C & T & A & G & G & C & A & A & A & A & G & T & G \\ \hline T & T & T & T & T & G & A & G & C & T & G & T & G & G & C & T & A & G & C & A & A & A & A & G & T & G \\ \hline \end{array} $	V
%AF	50.00%	49.91% by DdPCR detection	

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## **Caution:**

For research use only. If you have any questions about the Certificate of Analysis, please contact us.

Certified by: Date:\*\*\*\* 1919 Date:\*\*\*\*

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