

CERTIFICATE OF ANALYSIS

Panel-Ref™ FFPE All-in-One Reference Standard

Product information

Name	Panel-Ref™ FFPE All-in-One Reference Standard
Catalog No.	CBP90017
Lot No.	CGD83305927
Format	FFPE Slide
Buffer	Tris-EDTA
Storage Conditions	RT
Date of Manufacture	May-10-2020
Expiry	36 months from the date of manufacture

Quality Control

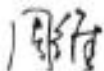
Test Items	Standard	Results	Passed
Quantity	2 slides/vial *10 vials 3 slides/vial *5 vials	2 slides/vial *10 vials 3 slides/vial *5 vials	√

Gene	AA Change	Expected AF	DdPCR AF	NGS AF
EGFR	p.E746_A750delELREA	7.50%	7.50%	6.82%
EGFR	p.G719A	5.00%	N/A	5.42%
EGFR	p.S768I	5.00%	5.32%	6.33%
EGFR	p.T790M	10.00%	11.80%	10.02%
EGFR	p.L858R	10.00%	9.70%	8.81%
ERBB2	p.A775_G776insYVMA	5.00%	N/A	4.88%
KRAS	P.G13D	9.00%	9.42%	8.37%
BRAF	p.V600E	58.00%	58.20%	59.46%
PIK3CA	p.H1047R	50.00%	51.20%	50.92%
BRCA1	p.D435Y	41.21%	N/A	39.04%
BRCA2	p.Q1782fs	35.00%	N/A	31.70%
BRCA2	p.I2675fs*6	10.00%	N/A	11.21%
CTNNB1	p.S45del	9.00%	N/A	10.34%
APC	p.K1454E	41.21%	N/A	40.13%
FGFR2	p.P582L	7.69%	N/A	9.37%
IDH2	p.G190D	41.21%	N/A	42.29%

Caution:

For research use only.

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

Certified by:  Date:****