

Summary statistics - qualitative results**EQA round: CRC2/24 - Colorectal Carcinoma**

Deadline: 24.9.2024

Setup: all data

AV = assigned value CVE = consensus of the experts >> ... expected result > ... acceptable result ± ... result not assessed	N_{tot} = total number of the results N_{rel} = relative number of the results	N_{eva} = number of the results assessed N_{suc} = number of successful results S_{rel} = relative success
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Test Sample Group	AV	N_{tot}	N_{rel}	Frequency of the results		N_{eva}	N_{suc}	S_{rel} [%]
				Result [%]				
(1130) KRAS		50				50	47	94
Sample A		50				50	50	100
All results	CVE >>>	50	100	No mutation detected				
Sample B		50				50	50	100
All results	CVE >>>	50	100	No mutation detected				
Sample C		50				50	50	100
All results	>	3	6	Exon 2 mutation (unable to specify in detail)				
	CVE >>>	47	94	c.34G>A,p.G12S				
Sample D		50				50	50	100
All results	CVE >>>	50	100	No mutation detected				
Sample E		50				50	47	94
All results		1	2	Not specified				
	CVE >>>	47	94	No mutation detected				
		1	2	Exon 2 mutation (unable to specify in detail)				
		1	2	Other mutation				
(1131) NRAS		50				50	42	84
Sample A		50				50	45	90
All results		2	4	No mutation detected				
	>	16	32	Exon 2 mutation (unable to specify in detail)				
		3	6	c.35G>C,p.G12A				
	CVE >>>	29	58	c.35G>T,p.G12V				
Sample B		50				50	50	100
All results	CVE >>>	50	100	No mutation detected				
Sample C		50				50	49	98
All results	CVE >>>	45	90	No mutation detected				
	>	4	8	Not tested because another mutation was found				
		1	2	Exon 4 mutation (unable to specify in detail)				
Sample D		50				50	50	100
All results	CVE >>>	50	100	No mutation detected				
Sample E		50				50	46	92
All results		1	2	Not specified				
		3	6	No mutation detected				
	>	3	6	Exon 3 mutation (unable to specify in detail)				
	CVE >>>	43	86	c.182A>G,p.Q61R				
(1132) BRAF		50				50	47	94
Sample A		50				50	50	100
All results	CVE >>>	50	100	No mutation detected				
Sample B		50				50	49	98
All results		>	15	30	Exon 15 mutation (unable to specify in detail)			
		1	2	c.1799_1800delinsAA,p.V600E				
	CVE >>>	34	68	c.1799T>A,p.V600E				
Sample C		50				50	50	100
All results	CVE >>>	46	92	No mutation detected				
	>	4	8	Not tested because another mutation was found				
Sample D		50				50	50	100
All results	CVE >>>	50	100	No mutation detected				
Sample E		50				50	48	96
All results		1	2	Not specified				
	CVE >>>	48	96	No mutation detected				
		1	2	Exon 15 mutation (unable to specify in detail)				