

EQA round: CRC1/26 - Colorectal Carcinoma

Deadline: 27.4.2026

Setup: all data

AV = assigned value

N_{tot} = total number of the resultsN_{eva} = number of the results assessed

CVE = consensus of the experts

N_{rel} = relative number of the resultsN_{suc} = number of successful results

>>> ... expected result

S_{rel} = relative success

> ... acceptable result

± ... result not assessed

Test Sample Group	Frequency of the results			Success			
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(1130) KRAS		43			43	42	98
Sample A		43			43	43	100
All results	>	5	12	Exon 2 mutation (unable to specify in detail)			
	CVE >>>	38	88	c.38G>A,p.G13D			
Sample B		43			43	42	98
All results	CVE >>>	42	98	No mutation detected			
		1	2,3	Other mutation			
Sample C		43			43	43	100
All results	CVE >>>	43	100	No mutation detected			
Sample D		43			43	43	100
All results	CVE >>>	43	100	No mutation detected			
Sample E		43			43	43	100
All results	>	7	16	Exon 2 mutation (unable to specify in detail)			
	CVE >>>	36	84	c.35G>A,p.G12D			
(1131) NRAS		43			43	43	100
Sample A		43			43	43	100
All results	CVE >>>	40	93	No mutation detected			
	>	3	7	Not tested because another mutation was found			
Sample B		43			43	43	100
All results	>	7	16	Exon 3 mutation (unable to specify in detail)			
	CVE >>>	36	84	c.181C>A,p.Q61K			
Sample C		43			43	43	100
All results	CVE >>>	43	100	No mutation detected			
Sample D		43			43	43	100
All results	CVE >>>	43	100	No mutation detected			
Sample E		43			43	43	100
All results	CVE >>>	39	91	No mutation detected			
	>	4	9,3	Not tested because another mutation was found			
(1132) BRAF		43			43	40	93
Sample A		43			43	43	100
All results	CVE >>>	40	93	No mutation detected			
	>	3	7	Not tested because another mutation was found			
Sample B		43			43	43	100
All results	CVE >>>	43	100	No mutation detected			
Sample C		43			43	43	100
All results	CVE >>>	43	100	No mutation detected			
Sample D		43			43	40	93
All results	>	15	35	Exon 15 mutation (unable to specify in detail)			
		3	7	c.1799_1800delinsAA,p.V600E			
	CVE >>>	25	58	c.1799T>A,p.V600E			
Sample E		43			43	43	100
All results	CVE >>>	39	91	No mutation detected			
	>	4	9,3	Not tested because another mutation was found			