

## EQA round: CRC2/21 - Colorectal Carcinoma

Key:	>>> ... marks correct (expected) result	N ... number of the results
	> ... marks conditionally correct (acceptable) result	Nrel ... relative number of the results
	± ... marks the result not evaluated	

## Test

Sample	Group	N	Result	N <sub>rel</sub>
<b>(1130) KRAS</b>				
A	All results	>>> 46	No mutation detected	100 %
	----- Total per sample: n = 46	----- Success: 100 %		
B	All results	1	No mutation detected	2,2 %
		> 4	Exon 2 mutation (unable to specify in detail)	8,7 %
		>>> 41	c.34G>A,p.G12S	89 %
	----- Total per sample: n = 46	----- Success: 98 %		
C	All results	>>> 46	No mutation detected	100 %
	----- Total per sample: n = 46	----- Success: 100 %		
D	All results	>>> 46	No mutation detected	100 %
	----- Total per sample: n = 46	----- Success: 100 %		
E	All results	1	Not specified	2,2 %
		2	No mutation detected	4,3 %
		> 12	Exon 4 mutation (unable to specify in detail)	26 %
		>>> 31	c.436G>A,p.A146T	67 %
	----- Total per sample: n = 46	----- Success: 93 %		
	Total success: 91 %			

## (1131) NRAS

A	All results	1	Not specified	2,2 %
		>>> 44	No mutation detected	98 %
	----- Total per sample: n = 45	----- Success: 98 %		
B	All results	1	Not specified	2,2 %
		>>> 39	No mutation detected	87 %
		> 5	Not tested because another mutation was found	11 %
	----- Total per sample: n = 45	----- Success: 98 %		
C	All results	>>> 45	No mutation detected	100 %
	----- Total per sample: n = 45	----- Success: 100 %		
D	All results	> 4	Exon 2 mutation (unable to specify in detail)	8,9 %
		>>> 41	c.35G>A,p.G12D	91 %
	----- Total per sample: n = 45	----- Success: 100 %		
E	All results	2	Not specified	4,4 %
		>>> 40	No mutation detected	89 %
		> 3	Not tested because another mutation was found	6,7 %
	----- Total per sample: n = 45	----- Success: 96 %		
	Total success: 93 %			

## (1132) BRAF

A	All results	1	Not specified	2,2 %
		> 11	Exon 15 mutation (unable to specify in detail)	24 %
		1	c.1799_1800delinsAA,p.V600E	2,2 %
		>>> 33	c.1799T>A,p.V600E	72 %
	----- Total per sample: n = 46	----- Success: 96 %		
B	All results	1	Not specified	2,2 %
		>>> 42	No mutation detected	91 %
		> 3	Not tested because another mutation was found	6,5 %
	----- Total per sample: n = 46	----- Success: 98 %		
C	All results	>>> 46	No mutation detected	100 %
	----- Total per sample: n = 46	----- Success: 100 %		
D	All results	>>> 46	No mutation detected	100 %
	----- Total per sample: n = 46	----- Success: 100 %		
E	All results	2	Not specified	4,3 %
		>>> 41	No mutation detected	89 %
		> 3	Not tested because another mutation was found	6,5 %
	----- Total per sample: n = 46	----- Success: 96 %		
	Total success: 93 %			

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End of report

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