

EQA round: CRC1/22 - 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 _{rel}
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Mutations testing**(1130) KRAS**

A	All results	>>> 54	No mutation detected	100 %
	----- Total per sample: n = 54	----- Success: 100 %		
B	All results	>>> 54	No mutation detected	100 %
	----- Total per sample: n = 54	----- Success: 100 %		
C	All results	1	Not specified	1,9 %
		1	No mutation detected	1,9 %
		> 3	Exon 2 mutation (unable to specify in detail)	5,6 %
		>>> 49	c.35G>C,p.G12A	91 %
	----- Total per sample: n = 54	----- Success: 96 %		
D	All results	>>> 54	No mutation detected	100 %
	----- Total per sample: n = 54	----- Success: 100 %		
E	All results	> 3	Exon 2 mutation (unable to specify in detail)	5,6 %
		>>> 51	c.35G>T,p.G12V	94 %
	----- Total per sample: n = 54	----- Success: 100 %		
Total success: 96 %				

(1131) NRAS

A	All results	1	Not specified	1,9 %
		>>> 53	No mutation detected	98 %
	----- Total per sample: n = 54	----- Success: 98 %		
B	All results	>>> 54	No mutation detected	100 %
	----- Total per sample: n = 54	----- Success: 100 %		
C	All results	1	Not specified	1,9 %
		>>> 46	No mutation detected	85 %
		> 6	Not tested because another mutation was found	11 %
		1	Other mutation	1,9 %
	----- Total per sample: n = 54	----- Success: 96 %		
D	All results	> 4	Exon 3 mutation (unable to specify in detail)	7,4 %
		>>> 50	c.182A>G,p.Q61R	93 %
	----- Total per sample: n = 54	----- Success: 100 %		
E	All results	>>> 49	No mutation detected	91 %
		> 5	Not tested because another mutation was found	9,3 %
	----- Total per sample: n = 54	----- Success: 100 %		
Total success: 94 %				

(1132) BRAF

A	All results	> 7	Exon 15 mutation (unable to specify in detail)	13 %
		7	c.1799_1800delinsAA,p.V600E	13 %
		>>> 35	c.1799T>A,p.V600E	65 %
		> 5	Other mutation	9,3 %
	----- Total per sample: n = 54	----- Success: 87 %		
B	All results	>>> 54	No mutation detected	100 %
	----- Total per sample: n = 54	----- Success: 100 %		
C	All results	1	Not specified	1,9 %
		>>> 48	No mutation detected	89 %
		> 5	Not tested because another mutation was found	9,3 %
	----- Total per sample: n = 54	----- Success: 98 %		
D	All results	>>> 52	No mutation detected	96 %
		> 2	Not tested because another mutation was found	3,7 %
	----- Total per sample: n = 54	----- Success: 100 %		
E	All results	>>> 48	No mutation detected	89 %
		> 5	Not tested because another mutation was found	9,3 %
		1	c.1799_1800delinsAA,p.V600E	1,9 %
	----- Total per sample: n = 54	----- Success: 98 %		
Total success: 85 %				

Post-analytical phase**(1133) Laboratory report**

Report	All results	1	The report was not sent or was not real	1,9 %
		> 2	The report not sent (relevant reason given)	3,7 %
		>>> 51	The report was sent	94 %
	----- Total per sample: n = 54	----- Success: 98 %		
Total success: 98 %				