

EQA round: CRC1/21 - 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 _{rel}
Mutations testing				
(1130) KRAS				
A	All results	>>> 43	No mutation detected	96 %
		1	Exon 2 mutation (unable to specify in detail)	2,2 %
		1	c.183A>C,p.Q61H	2,2 %
	Total per sample: n = 45	Success: 96 %		
B	All results	>>> 45	No mutation detected	100 %
	Total per sample: n = 45	Success: 100 %		
C	All results	1	Not specified	2,2 %
		3	No mutation detected	6,7 %
		> 3	Exon 2 mutation (unable to specify in detail)	6,7 %
		>>> 37	c.35G>A,p.G12D	82 %
		> 1	Other mutation	2,2 %
	Total per sample: n = 45	Success: 91 %		
D	All results	>>> 45	No mutation detected	100 %
	Total per sample: n = 45	Success: 100 %		
E	All results	> 2	Exon 2 mutation (unable to specify in detail)	4,4 %
		>>> 42	c.38G>A,p.G13D	93 %
		> 1	Other mutation	2,2 %
	Total per sample: n = 45	Success: 100 %		
	Total success: 89 %			

(1131) NRAS

A	All results	>>> 44	No mutation detected	100 %
	Total per sample: n = 44	Success: 100 %		
B	All results	1	Exon 2 mutation (unable to specify in detail)	2,3 %
		> 2	Exon 3 mutation (unable to specify in detail)	4,5 %
		>>> 40	c.181C>A,p.Q61K	91 %
		> 1	Other mutation	2,3 %
	Total per sample: n = 44	Success: 98 %		
C	All results	>>> 40	No mutation detected	91 %
		> 4	Not tested because another mutation was found	9,1 %
	Total per sample: n = 44	Success: 100 %		
D	All results	>>> 43	No mutation detected	98 %
		> 1	Not tested because another mutation was found	2,3 %
	Total per sample: n = 44	Success: 100 %		
E	All results	>>> 40	No mutation detected	91 %
		> 4	Not tested because another mutation was found	9,1 %
	Total per sample: n = 44	Success: 100 %		
	Total success: 98 %			

(1132) BRAF

A	All results	>>> 45	No mutation detected	100 %
	Total per sample: n = 45	Success: 100 %		
B	All results	>>> 45	No mutation detected	100 %
	Total per sample: n = 45	Success: 100 %		
C	All results	>>> 42	No mutation detected	93 %
		> 2	Not tested because another mutation was found	4,4 %
		1	c.1799T>A,p.V600E	2,2 %
	Total per sample: n = 45	Success: 98 %		
D	All results	> 3	Exon 15 mutation (unable to specify in detail)	6,7 %
		2	c.1799_1800delinsAA,p.V600E	4,4 %
		>>> 33	c.1799T>A,p.V600E	73 %
		> 7	Other mutation	16 %
	Total per sample: n = 45	Success: 96 %		
E	All results	>>> 42	No mutation detected	93 %
		> 2	Not tested because another mutation was found	4,4 %
		1	c.1799T>A,p.V600E	2,2 %
	Total per sample: n = 45	Success: 98 %		
	Total success: 91 %			

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

Report	All results	1	The report was not sent or was not real	2,2 %
		> 2	The report not sent (relevant reason given)	4,4 %
		>>> 42	The report was sent	93 %
	Total per sample: n = 45	Success: 98 %		
	Total success: 98 %			

