

## Summary statistics - qualitative results

(Groups: measurement principle)

## EQA round: VIB2/18 - General Immunohistochemistry - Staining

Dead line: 31.08.2018

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>(1120) Sample A - staining</b>				
EQA	(1) S-100	2	0 points (unacceptable result)	2,9 %
		>	14 3 points (acceptable result)	20 %
		>	1 4 points (acceptable result)	1,4 %
		>>>	49 6 points (excellent result)	71 %
	(2) Vimentin	>>>	3 6 points (excellent result)	4,3 %
Total per sample: n = 69 Success: 97 %				
Total success: 97 %				

**(1121) Sample B - staining**

EQA	(1) Smooth muscle actin	13	0 points (unacceptable result)	20 %
		1	2 points (unacceptable result)	1,6 %
		>	5 3 points (acceptable result)	7,8 %
		>	1 4 points (acceptable result)	1,6 %
		>>>	40 6 points (excellent result)	63 %
	(2) Desmin	>	1 3 points (acceptable result)	1,6 %
		>	1 4 points (acceptable result)	1,6 %
		>>>	2 6 points (excellent result)	3,1 %
Total per sample: n = 64 Success: 78 %				
Total success: 78 %				

**(1122) Sample C - staining**

EQA	(1) Hepatocyte antigen	>	6 3 points (acceptable result)	8,7 %
		>>>	23 6 points (excellent result)	33 %
	(2) e-cadherin	3	0 points (unacceptable result)	4,3 %
		>	2 3 points (acceptable result)	2,9 %
		>>>	15 6 points (excellent result)	22 %
	(3) CK AE1/AE3	6	0 points (unacceptable result)	8,7 %
		>	2 3 points (acceptable result)	2,9 %
		>	2 4 points (acceptable result)	2,9 %
		>>>	1 5 points (excellent result)	1,4 %
		>>>	9 6 points (excellent result)	13 %
Total per sample: n = 69 Success: 87 %				
Total success: 87 %				

**(1123) Sample D - staining**

EQA	(1) MSH-2	>	3 3 points (acceptable result)	4,2 %
		>>>	18 6 points (excellent result)	25 %
	(2) p53	3	0 points (unacceptable result)	4,2 %
		>	6 3 points (acceptable result)	8,3 %
		>	1 4 points (acceptable result)	1,4 %
		>>>	9 6 points (excellent result)	13 %
	(3) Ki 67	4	0 points (unacceptable result)	5,6 %
		>	2 3 points (acceptable result)	2,8 %
		>>>	26 6 points (excellent result)	36 %
Total per sample: n = 72 Success: 90 %				
Total success: 90 %				

**(1124) Sample E - staining**

EQA	(1) Glypican 3	6	0 points (unacceptable result)	8,6 %
		>	6 3 points (acceptable result)	8,6 %
		>	1 4 points (acceptable result)	1,4 %
		>>>	10 6 points (excellent result)	14 %
	(2) CK 20	1	0 points (unacceptable result)	1,4 %
		>	1 3 points (acceptable result)	1,4 %
		>	1 4 points (acceptable result)	1,4 %
		>>>	25 6 points (excellent result)	36 %
	(3) CK AE1/AE3	2	0 points (unacceptable result)	2,9 %
		>	4 3 points (acceptable result)	5,7 %
		>>>	13 6 points (excellent result)	19 %
Total per sample: n = 70 Success: 87 %				
Total success: 87 %				