

## EQA round: VIB2/23 - General Immunohistochemistry - Staining

Deadline: 10.11.2023

Setup: groups - M (staining used)

AV = assigned value

N<sub>tot</sub> = total number of the resultsN<sub>eva</sub> = number of the results assessedN<sub>rel</sub> = relative number of the resultsN<sub>suc</sub> = number of successful results

&gt;&gt;&gt; ... expected result

S<sub>rel</sub> = relative success

&gt; ... acceptable result

± ... result not assessed

Test Sample Group	Frequency of the results				Success		
	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
<b>(1120) Sample A - staining</b>		72			72	70	97
<b>EQA</b>		72			72	70	97
(1) CK 5	CVE >>>	10	14	6 points (excellent result)			
(2) CK 5/6	>	7	9,7	3 points (acceptable result)			
	CVE >>>	31	43	6 points (excellent result)			
(3) CK HMW		2	2,8	0 points (unacceptable result)			
	>	1	1,4	4 points (acceptable result)			
	CVE >>>	1	1,4	5 points (excellent result)			
	CVE >>>	20	28	6 points (excellent result)			
<b>(1121) Sample B - staining</b>		80			80	72	90
<b>EQA</b>		80			80	72	90
(1) DOG-1		2	2,5	0 points (unacceptable result)			
	>	7	8,8	3 points (acceptable result)			
	>	1	1,3	4 points (acceptable result)			
	CVE >>>	18	23	6 points (excellent result)			
(2) c-kit		2	2,5	0 points (unacceptable result)			
	>	2	2,5	3 points (acceptable result)			
	>	1	1,3	4 points (acceptable result)			
	CVE >>>	11	14	6 points (excellent result)			
(3) CK AE1/AE3		4	5	0 points (unacceptable result)			
	>	7	8,8	3 points (acceptable result)			
	CVE >>>	25	31	6 points (excellent result)			
<b>(1122) Sample C - staining</b>		61			61	58	95
<b>EQA</b>		61			61	58	95
(1) Ep-CAM	CVE >>>	17	28	6 points (excellent result)			
(2) CD 10		3	4,9	0 points (unacceptable result)			
	>	11	18	3 points (acceptable result)			
	CVE >>>	30	49	6 points (excellent result)			
<b>(1123) Sample D - staining</b>		60			60	60	100
<b>EQA</b>		60			60	60	100
(1) NKX3.1	>	3	5	3 points (acceptable result)			
	CVE >>>	28	47	6 points (excellent result)			
(2) PSA	>	1	1,7	3 points (acceptable result)			
	CVE >>>	27	45	6 points (excellent result)			
(3) PSAP	CVE >>>	1	1,7	6 points (excellent result)			
<b>(1124) Sample E - staining</b>		70			70	66	94
<b>EQA</b>		70			70	66	94
(1) CD 138		3	4,3	0 points (unacceptable result)			
	>	11	16	3 points (acceptable result)			
	>	1	1,4	4 points (acceptable result)			
	CVE >>>	1	1,4	5 points (excellent result)			
	CVE >>>	26	37	6 points (excellent result)			
(2) CD 79a	>	1	1,4	3 points (acceptable result)			
	CVE >>>	4	5,7	6 points (excellent result)			
(3) CD 20		1	1,4	0 points (unacceptable result)			
	>	1	1,4	3 points (acceptable result)			
	CVE >>>	1	1,4	5 points (excellent result)			
	CVE >>>	20	29	6 points (excellent result)			