

## EQA round: HCB1/23 - Histological and Cytological Staining

Deadline: 5.5.2023

Setup: groups - measurement principle

AV = assigned value

N<sub>tot</sub> = total number of the resultsN<sub>eva</sub> = number of the results assessed

CVE = consensus of the experts

N<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>(1111) Sample A - histological staining</b>		86			86	86	100
<b>Slide</b>		86			86	86	100
(1) HE	CVE >>>	86	100	6 points (excellent result)			
<b>(1112) Sample B - histological staining</b>		77			77	76	99
<b>Slide</b>		77			77	76	99
(1) elastica		1	1,3	0 points (unacceptable result)			
	>	2	2,6	3 points (acceptable result)			
	CVE >>>	64	83	6 points (excellent result)			
(2) blue trichrome	CVE >>>	10	13	6 points (excellent result)			
<b>(1113) Sample C - cytological staining</b>		86			86	86	100
<b>Slide</b>		86			86	86	100
(1) MGG	>	2	2,3	3 points (acceptable result)			
	CVE >>>	71	83	6 points (excellent result)			
(2) HE	CVE >>>	10	12	6 points (excellent result)			
(3) PAP	CVE >>>	3	3,5	6 points (excellent result)			
<b>(1114) Sample D - cytological staining</b>		86			86	86	100
<b>Slide</b>		86			86	86	100
(1) MGG	>	5	5,8	3 points (acceptable result)			
	CVE >>>	67	78	6 points (excellent result)			
(2) PAP	CVE >>>	7	8,1	6 points (excellent result)			
(3) HE	CVE >>>	7	8,1	6 points (excellent result)			