

## EQA round: HCB2/23 - Histological and Cytological 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 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>		76			76	73	96
<b>Slide</b>		76			76	73	96
(1) histochemical detection of reticular fibers		2	2,6	0 points (unacceptable result)			
	>	14	18	3 points (acceptable result)			
	>	1	1,3	4 points (acceptable result)			
	CVE >>>	1	1,3	5 points (excellent result)			
	CVE >>>	42	55	6 points (excellent result)			
(2) blue trichrome		1	1,3	0 points (unacceptable result)			
	CVE >>>	15	20	6 points (excellent result)			
<b>(1113) Sample C - cytological staining</b>		83			83	83	100
<b>Slide</b>		83			83	83	100
(1) MGG	>	5	6	3 points (acceptable result)			
	CVE >>>	67	81	6 points (excellent result)			
(2) HE	CVE >>>	11	13	6 points (excellent result)			
<b>(1114) Sample D - cytological staining</b>		83			83	83	100
<b>Slide</b>		83			83	83	100
(1) MGG	>	1	1,2	3 points (acceptable result)			
	CVE >>>	73	88	6 points (excellent result)			
(2) HE	CVE >>>	9	11	6 points (excellent result)			