

EQA round: HCB1/24 - Histological and Cytological Staining

Deadline: 24.5.2024

Setup: groups - M (staining used)

AV = assigned value

N_{tot} = total number of the resultsN_{eva} = number of the results assessed

CVE = consensus of the experts

N_{rel} = relative number of the resultsN_{suc} = number of successful results

>>> ... expected result

S_{rel} = relative success

> ... acceptable result

± ... result not assessed

Test Sample Group	Frequency of the results					Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
(1111) Sample A - histological staining		90			90	90	100	
Slide		90			90	90	100	
(1) HE	CVE >>>	90	100	6 points (excellent result)				
(1112) Sample B - histological staining		81			81	71	88	
Slide		81			81	71	88	
(1) Ziehl-Neelson		2	2,5	0 points (unacceptable result)				
	>	2	2,5	3 points (acceptable result)				
	CVE >>>	64	79	6 points (excellent result)				
(2) Warthin-Starry		8	9,9	0 points (unacceptable result)				
	>	3	3,7	3 points (acceptable result)				
	CVE >>>	2	2,5	6 points (excellent result)				
(1113) Sample C - cytological staining		89			89	89	100	
Slide		89			89	89	100	
(1) HE		1	1,1	3 points (acceptable result)				
	>	1	1,1	3 points (acceptable result)				
	CVE >>>	80	90	6 points (excellent result)				
(2) MGG		8	9	6 points (excellent result)				
	CVE >>>	8	9	6 points (excellent result)				
(1114) Sample D - cytological staining		89			89	88	99	
Slide		89			89	88	99	
(1) MGG		1	1,1	2 points (unacceptable result)				
	>	1	1,1	2 points (unacceptable result)				
	CVE >>>	75	84	6 points (excellent result)				
(2) HE		13	15	6 points (excellent result)				
	CVE >>>	13	15	6 points (excellent result)				