

## EQA round: CSH1/24 - Cytochemical Staining in Haematology

Deadline: 24.5.2024

Setup: all data

AV = assigned value

CVP = consensus of all participants

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

&gt; ... acceptable result

± ... result not assessed

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

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>Myeloperoxidase</b>							
(693) Are the blast elements positive for myeloperoxidase?		37			37	37	100
<b>MPO</b>		37			37	37	100
All results	CVP >>>	37	100	Yes			
(694) Are Auer rods present in blast elements?		37			37	35	95
<b>MPO</b>		37			37	35	95
All results			2	5,4 No			
	CVP >>>	35	95	Yes			
(695) Is there partial or complete enzyme deficiency in neutrophils?		37			0		
<b>MPO</b>		37			0		
All results		± 13	35	No			
		± 20	54	Yes			
		± 4	11	Evaluation impossible			
<b>Iron</b>							
(696) Are sideroblasts present?		41			41	41	100
<b>Fe</b>		41			41	41	100
All results	CVP >>>	41	100	Yes			
(697) Are ring sideroblasts present?		41			41	38	93
<b>Fe</b>		41			41	38	93
All results			3	7,3 No			
	CVP >>>	38	93	Yes			
(698) Are siderophages present?		41			41	41	100
<b>Fe</b>		41			41	41	100
All results	CVP >>>	41	100	Yes			
(699) Is extracellular iron present?		41			41	40	98
<b>Fe</b>		41			41	40	98
All results			1	2,4 No			
	CVP >>>	40	98	Yes			