

## EQA round: CSH1/26 - Cytochemical Staining in Haematology

Deadline: 22.5.2026

Setup: all data

AV = assigned value

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

CVP = consensus of all participants

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>Myeloperoxidase</b>							
(693) Are the blast elements positive for myeloperoxidase?		35			35	35	100
<b>MPO</b>		35			35	35	100
All results	CVP >>>	35	100	Yes			
(694) Are Auer rods present in blast elementss?		35			35	35	100
<b>MPO</b>		35			35	35	100
All results	CVP >>>	35	100	No			
(695) Is there partial or complete enzyme deficiency in neutrophils?		35			35	35	100
<b>MPO</b>		35			35	35	100
All results	CVP >>>	7	20	No			
	CVP >>>	28	80	Evaluation impossible			
<b>Iron</b>							
(696) Are sideroblasts present?		38			38	36	95
<b>Fe</b>		38			38	36	95
All results		2	5,3	No			
	CVP >>>	36	95	Yes			
(697) Are ring sideroblasts present?		38			38	37	97
<b>Fe</b>		38			38	37	97
All results		1	2,6	No			
	CVP >>>	37	97	Yes			
(698) Are siderophages present?		38			38	38	100
<b>Fe</b>		38			38	38	100
All results	CVP >>>	38	100	Yes			
(699) Is extracellular iron present?		38			38	38	100
<b>Fe</b>		38			38	38	100
All results	CVP >>>	38	100	Yes			