

EQA round: CSH2/24 - Cytochemical Staining in Haematology

Deadline: 25.10.2024

Setup: all data

AV = assigned value

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

CVP = consensus of all participants

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} [%]
Myeloperoxidase							
(693) Are the blast elements positive for myeloperoxidase?		37			37	37	100
MPO		37			37	37	100
All results	CVP >>>	37	100	No			
(694) Are Auer rods present in blast elementss?		37			37	37	100
MPO		37			37	37	100
All results	CVP >>>	37	100	No			
(695) Is there partial or complete enzyme deficiency in neutrophils?		37			0		
MPO		37			0		
All results		± 13	35	No			
		± 22	59	Yes			
		± 2	5,4	Evaluation impossible			
Iron							
(696) Are sideroblasts present?		40			40	40	100
Fe		40			40	40	100
All results	CVP >>>	40	100	Yes			
(697) Are ring sideroblasts present?		40			40	40	100
Fe		40			40	40	100
All results	CVP >>>	40	100	Yes			
(698) Are siderophages present?		40			40	40	100
Fe		40			40	40	100
All results	CVP >>>	40	100	Yes			
(699) Is extracellular iron present?		40			40	40	100
Fe		40			40	40	100
All results	CVP >>>	40	100	Yes			