

EQA round: CSH1/23 - Cytochemical Staining in Haematology (study)

Deadline: 29.9.2023

Setup: all data

AV = assigned value

CVP = consensus of all participants

>>> ... expected result

> ... acceptable result

± ... result not assessed

N_{tot} = total number of the resultsN_{rel} = relative number of the resultsN_{eva} = number of the results assessedN_{suc} = number of successful resultsS_{rel} = relative success

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	36	97
MPO		37			37	36	97
All results		1	2,7	No			
	CVP >>>	36	97	Yes			
(694) Are Auer rods present in blast elementss?		37			37	37	100
MPO		37			37	37	100
All results	CVP >>>	37	100	Yes			
(695) Is there partial or complete enzyme deficiency in neutrophils?		37			0		
MPO		37			0		
All results	±	29	78	No			
	±	8	22	Yes			
Iron							
(696) Are sideroblasts present?		40			40	39	98
Fe		40			40	39	98
All results		1	2,5	No			
	CVP >>>	39	98	Yes			
(697) Are ring sideroblasts present?		40			40	39	98
Fe		40			40	39	98
All results		1	2,5	No			
	CVP >>>	39	98	Yes			
(698) Are siderophages present?		40			40	38	95
Fe		40			40	38	95
All results	CVP >>>	38	95	No			
		2	5	Yes			
(699) Is extracellular iron present?		40			0		
Fe		40			0		
All results	±	16	40	No			
	±	24	60	Yes			