

EQA round: GP1/24 - Detection of Monoclonal Components

Deadline: 1.3.2024

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} [%]
Set 1 (plasma)							
(246) Gammopathies (typisation) (plasma)		96			96	94	98
Sample A1		96			96	96	100
All results	CVP >>>	96	100	IgG-lambda			
Sample B1		96			96	94	98
All results	CVP >>>	84	88	IgA-kappa			
	>	10	10	IgA-kappa; kappa-free			
		1	1	kappa-free			
		1	1	Monoclonal immunoglobulin not present			
Set 2 (urine)							
(540) Gammopathies (typisation) (urine)		60			60	52	87
Sample A2		60			60	53	88
All results		3	5	kappa			
		1	1,7	kappa; IgA-kappa			
	>	18	30	kappa-free			
	>	19	32	kappa-free; IgA-kappa			
		1	1,7	kappa-free; IgG-kappa			
	>	14	23	kappa-free; kappa			
	>	2	3,3	kappa-free; kappa; IgA-kappa			
		2	3,3	kappa-free; kappa; IgG-kappa			
Sample B2		60			60	56	93
All results		3	5	lambda			
	>	18	30	lambda-free			
	>	17	28	lambda-free; IgG-lambda			
	>	19	32	lambda-free; lambda			
	>	2	3,3	lambda-free; lambda; IgG-lambda			
		1	1,7	Monoclonal immunoglobulin not present			