

EQA round: GP2/24 - Detection of Monoclonal Components

Deadline: 20.9.2024

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	91	95
Sample A1		96			96	94	98
All results		1	1	IgM-kappa			
	CVP >>>	94	98	IgG-lambda			
		1	1	IgM-lambda			
Sample B1		96			96	91	95
All results		1	1	IgG-kappa			
	CVP >>>	89	93	IgM-kappa			
	>	2	2.1	IgM-kappa; kappa-free			
		1	1	IgM-kappa; IgA-lambda			
		1	1	IgM-kappa; lambda-free			
		1	1	IgG-lambda			
		1	1	IgM-lambda			
Set 2 (urine)							
(540) Gammopathies (typisation) (urine)		71			71	57	80
Sample A2		71			71	61	86
All results		3	4.2	kappa			
	CVP >>>	41	58	kappa-free			
		3	4.2	kappa-free; IgA-kappa			
	>	20	28	kappa-free; kappa			
		1	1.4	kappa-free; kappa; IgA-kappa			
		1	1.4	kappa-free; kappa; lambda			
		2	2.8	kappa-free; lambda-free			
Sample B2		71			71	65	92
All results		1	1.4	kappa			
	CVP >>>	26	37	kappa-free			
	>	20	28	kappa-free; IgA-kappa			
		1	1.4	kappa-free; IgM-kappa			
	>	19	27	kappa-free; kappa			
		3	4.2	kappa-free; kappa; IgA-kappa			
		1	1.4	lambda; lambda-free			