Summary statistics - quantitative results

EQA round: GP1/23 - Detection of Monoclonal Components

Deadline: 3.3.2023

Setup: all data

RoM = robust average	AV = assigned value
SD = standard deviation	CVP = consensus of all participants
CV = coefficient of variation	CVPG = consensus of the participants' groups
N_{tot} = total number of the results	U_{AV} = expanded uncertainty of the assigned value (k = 2)
N_{out} = number of the results removed before calculation	

D_{max} = acceptable difference
LL = lower limit
UL = upper limit
N_{eva} = number of the results assessed
N_{suc} = number of successful results
S_{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N_{tot}	N_{out}		AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel} [%]
(247) Gammapathies (quantity 1) (plasma)	[g/L]				90								90	68	76
Sample A													90	70	78
All results		1,1	0,4	36	90	12	CVP	1,1	0,11	70%	0,33	1,87	90		
Sample B													90	86	96
All results		9,21	1,6	17	90	0	CVP	9,21	0,42	33%	6,17	12,3	90		
(279) Total protein (plasma)	[g/L]				87								87	86	99
Sample A													87	86	99
All results		57,7	1,3	2,3	87	0	CVP	57,7	0,34	8%	53	62,4	87		
Sample B													87	86	99
All results		63,4	1,3	2	87	0	CVP	63,4	0,33	8%	58,3	68,5	87		
(314) FLC kappa (plasma)	[mg/L]				58								58	54	93
Sample A		10,8	1,4	13	58								58	56	97
All results (without individual groups)		11,1	1,2	11	52	0	CVP	11,1	0,41	50%	5,55	16,7	52		
(149) Siemens (Dade, BN, Dimension)		7,61	0,34	4,5	6	0	CVPG	7,61	0,48	50%	3,8	11,5	6		
Sample B		52,4	6,4	12	58								58	56	97
All results (without individual groups)		53,6	5,3	9,9	52	0	CVP	53,6	1,8	50%	26,8	80,4	52		
(149) Siemens (Dade, BN, Dimension)		22,6	2,4	10	6	0	CVPG	22,6	3,3	50%	11,3	33,9	6		
(315) FLC lambda (plasma)	[mg/L]				58								58	58	100
Sample A		9,94	1,8	18	58								58	58	100
All results (without individual groups)		10,2	1,5	15	52	0	CVP	10,2	0,51	50%	5,1	15,3	52		
(149) Siemens (Dade, BN, Dimension)		7,17	1,2	17	6	0	CVPG	7,17	1,7	50%	3,58	10,8	6		
Sample B		7,99	1,6	20	58								58	58	100
All results (without individual groups)		8,2	1,5	19	52	0	CVP	8,2	0,52	50%	4,1	12,3	52		
(149) Siemens (Dade, BN, Dimension)		6,35	0,96	15	6	0	CVPG	6,35	1,3	50%	3,17	9,53	6		