

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

EQA round: KO3/19 - Blood Count

Dead line: 26.07.2019

RoM = robust average	AV = assigned value	Dmax = acceptable percent difference
SD = standard deviation	CRV = certified reference value	LL = lower limit
CV = coefficient of variation	RV = reference value	UL = upper limit
Ntot = total number of participants	CVE = consensus value from experts	Neva = number of evaluated participants
Nout = number of results excluded before calculation	CVP = consensus value from all participants	Nsuc = number of successful participants
	CVPG = consensus value from participants groups	Srel = success (relative)
	U _{AV} = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability					Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(150) WBC					210						210	197	94%	
Samples and groups	f.10(exp9)/L													
Sample A		6,03	0,22	3,7	210	CVP	6,03	0,038	15%	5,12	6,94	210	197	94%
(703) Siemens ADVIA 560		6,01	0,059	0,99	5	0						5		
(737) Siemens ADVIA 120, 2120, 2120i		6,16	0,19	3,0	15	0						15		
(741) Nihon Kohden Celltac Alfa		5,90	0,15	2,5	5	0						5		
(744) Nihon Kohden Celltac G		6,04	0,089	1,5	5	0						5		
(749) Sysmex XE, XS, XT series		6,11	0,28	4,5	30	0						30		
(755) Sysmex KX series		6,02	0,18	2,9	25	0						25		
(765) Abbott CELL-DYN Ruby		6,13	0,25	4,1	14	0						14		
(768) MINDRAY BC 5xxx series		5,85	0,22	3,7	6	0						6		
(772) Sysmex XN series		6,01	0,26	4,4	75	0						75		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		5,90	0,10	1,8	13	0						13		
Other					17	0						17		
							2x 702, 1x 716, 2x 718, 3x 743, 2x 748, 3x 766, 3x 771, 1x 999					210	209	100%
Sample B		8,84	0,27	3,0	210	CVP	8,84	0,045	15%	7,51	10,2	210	209	100%
(703) Siemens ADVIA 560		8,90	0,12	1,3	5	0						5		
(737) Siemens ADVIA 120, 2120, 2120i		8,61	0,28	3,3	15	0						15		
(741) Nihon Kohden Celltac Alfa		8,70	0,15	1,7	5	0						5		
(744) Nihon Kohden Celltac G		9,03	0,10	1,1	5	0						5		
(749) Sysmex XE, XS, XT series		8,84	0,35	4,0	30	0						30		
(755) Sysmex KX series		8,77	0,19	2,2	25	0						25		
(765) Abbott CELL-DYN Ruby		8,99	0,34	3,8	14	0						14		
(768) MINDRAY BC 5xxx series		8,70	0,30	3,4	6	0						6		
(772) Sysmex XN series		8,87	0,26	2,9	75	0						75		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		8,86	0,15	1,7	13	0						13		
Other					17	0						17		
							2x 702, 1x 716, 2x 718, 3x 743, 2x 748, 3x 766, 3x 771, 1x 999					210	210	100%
(151) RBC					210							210	210	100%
Samples and groups	f.10(exp12)/L													
Sample A		5,18	0,084	1,6	210	CVP	5,18	0,014	7%	4,81	5,55	210	210	100%
(703) Siemens ADVIA 560		5,09	0,10	2,0	5	0						5		
(737) Siemens ADVIA 120, 2120, 2120i		5,12	0,12	2,3	15	0						15		
(741) Nihon Kohden Celltac Alfa		5,16	0,059	1,1	5	0						5		
(744) Nihon Kohden Celltac G		5,24	0,052	0,99	5	0						5		
(749) Sysmex XE, XS, XT series		5,18	0,054	1,0	30	0						30		
(755) Sysmex KX series		5,12	0,088	1,7	25	0						25		
(765) Abbott CELL-DYN Ruby		5,27	0,072	1,4	14	0						14		
(768) MINDRAY BC 5xxx series		5,15	0,13	2,4	6	0						6		
(772) Sysmex XN series		5,22	0,063	1,2	75	0						75		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		5,10	0,063	1,2	13	0						13		
Other					17	0						17		
							2x 702, 1x 716, 2x 718, 3x 743, 2x 748, 3x 766, 3x 771, 1x 999					210	210	100%
Sample B		4,51	0,066	1,5	210	CVP	4,51	0,011	7%	4,19	4,83	210	210	100%
(703) Siemens ADVIA 560		4,50	0,045	0,99	5	0						5		
(737) Siemens ADVIA 120, 2120, 2120i		4,48	0,094	2,1	15	0						15		
(741) Nihon Kohden Celltac Alfa		4,48	0,059	1,3	5	0						5		
(744) Nihon Kohden Celltac G		4,46	0,030	0,67	5	0						5		
(749) Sysmex XE, XS, XT series		4,52	0,065	1,4	30	0						30		
(755) Sysmex KX series		4,47	0,064	1,4	25	0						25		
(765) Abbott CELL-DYN Ruby		4,53	0,055	1,2	14	0						14		
(768) MINDRAY BC 5xxx series		4,49	0,16	3,6	6	0						6		
(772) Sysmex XN series		4,53	0,05	1,1	75	0						75		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		4,46	0,058	1,3	13	0						13		
Other					17	0						17		
							2x 702, 1x 716, 2x 718, 3x 743, 2x 748, 3x 766, 3x 771, 1x 999					214	212	99%
(152) Haemoglobin					214							214	213	100%
Samples and groups	[g/L]													
Sample A		160	2,5	1,6	214	CVP	160	0,42	6%	150	170	214	213	100%
(703) Siemens ADVIA 560		158	1,50	0,94	5	0						5		
(737) Siemens ADVIA 120, 2120, 2120i		158	2,6	1,6	15	0						15		
(741) Nihon Kohden Celltac Alfa		159	3,0	1,9	5	0						5		
(744) Nihon Kohden Celltac G		163	0,89	0,55	5	0						5		
(749) Sysmex XE, XS, XT series		160	2,3	1,4	30	0						30		

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

EQA round: KO3/19 - Blood Count

Dead line: 26.07.2019

Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability						N _{eva}	N _{suc}	S _{rel}	
							AV	U _{AV}	D _{max}	LL	UL					
(152) Haemoglobin					214								214	212	99%	
Samples and groups	[g/L]															
Sample A		160	2,5	1,6	214		CVP	160	0,42	6%	150	170	214	213	100%	
(755) Sysmex KX series		158	2,7	1,7	25	0							25			
(765) Abbott CELL-DYN Ruby		161	1,9	1,2	14	0							14			
(768) MINDRAY BC 5xxx series		160	3,7	2,3	6	0							6			
(772) Sysmex XN series		160	1,5	0,95	75	0							75			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		156	1,9	1,2	13	0							13			
(999) another system		168	1,5	0,88	5	0							5			
Other					16	0							16			
							2x 702, 1x 716, 2x 718, 3x 743, 2x 748, 3x 766, 3x 771									
Sample B		135	1,8	1,4	214		CVP	135	0,31	6%	126	144	214	213	100%	
(703) Siemens ADVIA 560		134	1,5	1,1	5	0							5			
(737) Siemens ADVIA 120, 2120, 2120i		134	2,0	1,5	15	0							15			
(741) Nihon Kohden Celltac Alfa		135	1,5	1,1	5	0							5			
(744) Nihon Kohden Celltac G		140	0,44	0,32	5	0							5			
(749) Sysmex XE, XS, XT series		135	1,9	1,4	30	0							30			
(755) Sysmex KX series		133	2,3	1,7	25	0							25			
(765) Abbott CELL-DYN Ruby		136	1,6	1,2	14	0							14			
(768) MINDRAY BC 5xxx series		135	3,7	2,8	6	0							6			
(772) Sysmex XN series		135	1,2	0,89	75	0							75			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		134	1,5	1,2	13	0							13			
(999) another system		144	0,74	0,52	5	0							5			
Other					16	0							16			
							2x 702, 1x 716, 2x 718, 3x 743, 2x 748, 3x 766, 3x 771									
(153) HCT					210								210	205	98%	
Samples and groups	[-]															
Sample A		0,444	0,022	4,9	210								210	206	98%	
(1) Automate; (703) Siemens ADVIA 560		0,478	0,003	0,63	5	0	CVPG	0,448	,0027	10%	0,403	0,493	5			
(1) Automate; (741) Nihon Kohden Celltac Alfa		0,458	0,008	1,8	5	0	CVPG	0,448	,0027	10%	0,403	0,493	5			
(1) Automate; (744) Nihon Kohden Celltac G		0,544	0,021	3,8	5	0	CVPG	0,544	0,059	6%	0,511	0,577	5			
(1) Automate; (749) Sysmex XE, XS, XT series		0,441	0,009	2,2	30	0	CVPG	0,448	,0027	10%	0,403	0,493	30			
(1) Automate; (755) Sysmex KX series		0,424	0,007	1,7	25	1	CVPG	0,448	,0027	10%	0,403	0,493	25			
(1) Automate; (768) MINDRAY BC 5xxx series		0,466	0,011	2,4	6	0	CVPG	0,448	,0027	10%	0,403	0,493	6			
(1) Automate; (772) Sysmex XN series		0,450	0,006	1,4	75	0	CVPG	0,448	,0027	10%	0,403	0,493	75			
(1) Automate; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,459	0,005	1,3	13	0	CVPG	0,448	,0027	10%	0,403	0,493	13			
(2) Automate (optical p.); (737) Siemens ADVIA 120, 2120, 2120i		0,401	0,01	2,6	15	0	CVPG	0,403	,0046	10%	0,362	0,444	15			
(2) Automate (optical p.); (765) Abbott CELL-DYN Ruby		0,404	0,009	2,3	14	0	CVPG	0,403	,0046	10%	0,362	0,444	14			
Other					17	0							17			
							2x 1/702, 1x 1/716, 2x 1/718, 3x 1/743, 2x 1/748, 3x 1/766, 3x 1/771, 1x 1/999									
Sample B		0,374	0,018	4,8	210								210	206	98%	
(1) Automate; (703) Siemens ADVIA 560		0,407	0,005	1,3	5	0	CVPG	0,378	,0023	10%	0,34	0,416	5			
(1) Automate; (741) Nihon Kohden Celltac Alfa		0,390	0,004	1,1	5	0	CVPG	0,378	,0023	10%	0,34	0,416	5			
(1) Automate; (744) Nihon Kohden Celltac G		0,452	0,008	1,8	5	0	CVPG	0,452	0,023	6%	0,424	0,48	5			
(1) Automate; (749) Sysmex XE, XS, XT series		0,375	0,008	2,2	30	0	CVPG	0,378	,0023	10%	0,34	0,416	30			
(1) Automate; (755) Sysmex KX series		0,358	0,005	1,6	25	1	CVPG	0,378	,0023	10%	0,34	0,416	25			
(1) Automate; (768) MINDRAY BC 5xxx series		0,398	0,019	4,7	6	0	CVPG	0,378	,0023	10%	0,34	0,416	6			
(1) Automate; (772) Sysmex XN series		0,378	0,005	1,3	75	0	CVPG	0,378	,0023	10%	0,34	0,416	75			
(1) Automate; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,390	0,003	0,97	13	0	CVPG	0,378	,0023	10%	0,34	0,416	13			
(2) Automate (optical p.); (737) Siemens ADVIA 120, 2120, 2120i		0,339	0,007	2,3	15	0	CVPG	0,341	,0035	10%	0,306	0,376	15			
(2) Automate (optical p.); (765) Abbott CELL-DYN Ruby		0,342	0,006	2,0	14	0	CVPG	0,341	,0035	10%	0,306	0,376	14			
Other					17	0							17			
							2x 1/702, 1x 1/716, 2x 1/718, 3x 1/743, 2x 1/748, 3x 1/766, 3x 1/771, 1x 1/999									
(154) MCV					210								210	204	97%	
Samples and groups	[fL]															
Sample A		85,5	4,2	5,0	210								210	204	97%	
(1) Automate; (703) Siemens ADVIA 560		93,0	0,74	0,80	5	0	CVPG	86,3	0,56	10%	77,6	95	5			
(1) Automate; (741) Nihon Kohden Celltac Alfa		89,1	1,1	1,2	5	0	CVPG	86,3	0,56	10%	77,6	95	5			
(1) Automate; (744) Nihon Kohden Celltac G		104	1,3	1,2	5	0	CVPG	104	3,6	5%	98,8	110	5			

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

EQA round: KO3/19 - Blood Count

Dead line: 26.07.2019

Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability						N _{eva}	N _{suc}	S _{rel}
							AV	U _{AV}	D _{max}	LL	UL				
(154) MCV					210								210	204	97%
Samples and groups		[fL]													
Sample A		85,5	4,2	5,0	210								210	204	97%
(1) Automate; (749) Sysmex XE, XS, XT series		85,3	1,9	2,2	30	0	CVPG	86,3	0,56	10%	77,6	95	30		
(1) Automate; (755) Sysmex KX series		82,5	1,1	1,4	25	0	CVPG	86,3	0,56	10%	77,6	95	25		
(1) Automate; (768) MINDRAY BC 5xxx series		89,7	4,3	4,8	6	0	CVPG	86,3	0,56	10%	77,6	95	6		
(1) Automate; (772) Sysmex XN series		86,1	1,0	1,2	75	0	CVPG	86,3	0,56	10%	77,6	95	75		
(1) Automate; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		90,0	0,95	1,1	13	0	CVPG	86,3	0,56	10%	77,6	95	13		
(2) Automate (optical p.); (737) Siemens ADVIA 120, 2120, 2120i		78,5	1,5	1,9	15	0	CVPG	77,7	0,78	10%	69,9	85,5	15		
(2) Automate (optical p.); (765) Abbott CELL-DYN Ruby		76,7	1,3	1,7	14	0	CVPG	77,7	0,78	10%	69,9	85,5	14		
Other					17	0							17		
													2x 1/702, 1x 1/716, 2x 1/718, 3x 1/743, 2x 1/748, 3x 1/766, 3x 1/771, 1x 1/999		
Sample B		83,0	4,1	4,9	210								210	205	98%
(1) Automate; (703) Siemens ADVIA 560		89,8	1,2	1,3	5	0	CVPG	83,7	0,54	10%	75,3	92,1	5		
(1) Automate; (741) Nihon Kohden Celltac Alfa		86,6	1,2	1,4	5	0	CVPG	83,7	0,54	10%	75,3	92,1	5		
(1) Automate; (744) Nihon Kohden Celltac G		101	1,2	1,2	5	0	CVPG	101	3,4	5%	95,9	107	5		
(1) Automate; (749) Sysmex XE, XS, XT series		82,8	1,7	2,1	30	0	CVPG	83,7	0,54	10%	75,3	92,1	30		
(1) Automate; (755) Sysmex KX series		80,1	1,1	1,3	25	0	CVPG	83,7	0,54	10%	75,3	92,1	25		
(1) Automate; (768) MINDRAY BC 5xxx series		86,5	3,8	4,4	6	0	CVPG	83,7	0,54	10%	75,3	92,1	6		
(1) Automate; (772) Sysmex XN series		83,3	0,97	1,2	75	0	CVPG	83,7	0,54	10%	75,3	92,1	75		
(1) Automate; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		87,4	0,91	1,0	13	0	CVPG	83,7	0,54	10%	75,3	92,1	13		
(2) Automate (optical p.); (737) Siemens ADVIA 120, 2120, 2120i		75,8	1,6	2,2	15	0	CVPG	75,7	0,69	10%	68,1	83,3	15		
(2) Automate (optical p.); (765) Abbott CELL-DYN Ruby		75,6	1,4	1,8	14	0	CVPG	75,7	0,69	10%	68,1	83,3	14		
Other					17	0							17		
													2x 1/702, 1x 1/716, 2x 1/718, 3x 1/743, 2x 1/748, 3x 1/766, 3x 1/771, 1x 1/999		
(155) Platelets					210								210	208	99%
Samples and groups		[·10(exp9)/L]													
Sample A		76,0	5,5	7,3	210								210	209	100%
(703) Siemens ADVIA 560		76,0	4,4	5,9	5	0	CVP	75,3	0,84	27%	54,9	95,7	5		
(737) Siemens ADVIA 120, 2120, 2120i		73,3	4,8	6,5	15	0	CVP	75,3	0,84	27%	54,9	95,7	15		
(741) Nihon Kohden Celltac Alfa		69,0	12	17	5	0	CVP	75,3	0,84	27%	54,9	95,7	5		
(744) Nihon Kohden Celltac G		75,9	2,8	3,7	5	0	CVP	75,3	0,84	27%	54,9	95,7	5		
(749) Sysmex XE, XS, XT series		72,9	5,0	6,9	30	0	CVP	75,3	0,84	27%	54,9	95,7	30		
(755) Sysmex KX series		78,0	4,3	5,5	25	0	CVP	75,3	0,84	27%	54,9	95,7	25		
(765) Abbott CELL-DYN Ruby		105	9,2	8,7	14	0	CVPG	105	6,0	27%	76,6	134	14		
(768) MINDRAY BC 5xxx series		84,5	8,2	9,7	6	0	CVP	75,3	0,84	27%	54,9	95,7	6		
(772) Sysmex XN series		75,1	3,7	5,0	75	0	CVP	75,3	0,84	27%	54,9	95,7	75		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		74,6	3,5	4,7	13	0	CVP	75,3	0,84	27%	54,9	95,7	13		
Other					17	0							17		
													2x 702, 1x 716, 2x 718, 3x 743, 2x 748, 3x 766, 3x 771, 1x 999		
Sample B		236	12	5,1	210		CVP	236	2,0	20%	188	284	210	209	100%
(703) Siemens ADVIA 560		235	6,7	2,8	5	0							5		
(737) Siemens ADVIA 120, 2120, 2120i		231	13	5,5	15	0							15		
(741) Nihon Kohden Celltac Alfa		243	7,4	3,1	5	0							5		
(744) Nihon Kohden Celltac G		243	9,7	4,0	5	0							5		
(749) Sysmex XE, XS, XT series		232	14	6,2	30	0							30		
(755) Sysmex KX series		246	14	5,8	25	0							25		
(765) Abbott CELL-DYN Ruby		237	14	6,0	14	0							14		
(768) MINDRAY BC 5xxx series		244	13	5,5	6	0							6		
(772) Sysmex XN series		235	8,3	3,5	75	0							75		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		228	8,2	3,6	13	0							13		
Other					17	0							17		
													2x 702, 1x 716, 2x 718, 3x 743, 2x 748, 3x 766, 3x 771, 1x 999		
(156) RDW					187								161	157	98%
Samples and groups		[%]													
Sample A		12,9	0,96	7,5	187								161	158	98%
(737) Siemens ADVIA 120, 2120, 2120i		13,6	0,51	3,8	15	0	CVPG	13,6	0,32	10%	12,2	15	15		
(744) Nihon Kohden Celltac G		15,1	0,30	2,0	5	0	CVPG	15,1	0,84	10%	13,5	16,7	5		
(749) Sysmex XE, XS, XT series		13,2	0,28	2,1	30	0	CVPG	13,2	0,13	10%	11,8	14,6	30		
(755) Sysmex KX series		8,57	0,52	6,1	12	0	CVPG	8,57	0,37	10%	7,71	9,43	12		
(765) Abbott CELL-DYN Ruby		8,59	0,41	4,8	13	0	CVPG	8,59	0,28	10%	7,73	9,45	13		
(768) MINDRAY BC 5xxx series		12,4	2,1	17	5	1	CVPG	12,4	2,1	10%	11,1	13,7	0		
(772) Sysmex XN series		12,6	0,18	1,4	73	0	CVPG	12,6	0,051	10%	11,3	13,9	73		

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

EQA round: KO3/19 - Blood Count

Dead line: 26.07.2019

Test	[unit]						Comparability							N _{eva}	N _{suc}	S _{rel}	
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL						
(156) RDW					187									161	157	98%	
Samples and groups	[%]																
Sample A		12,9	0,96	7,5	187									161	158	98%	
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		14,2	0,35	2,5	13	0	CVPG	14,2	0,24	10%	12,7	15,7		13			
Other					21	0										0	
								2x 702, 2x 703, 1x 716, 2x 718, 4x 741, 3x 743, 2x 748, 1x 766, 3x 771, 1x 999									
Sample B		13,3	1,0	7,5	187									161	158	98%	
(737) Siemens ADVIA 120, 2120, 2120i		13,9	0,48	3,5	15	0	CVPG	13,9	0,30	10%	12,5	15,3		15			
(744) Nihon Kohden Celltac G		14,8	0,30	2,0	5	0	CVPG	14,8	0,84	10%	13,3	16,3		5			
(749) Sysmex XE, XS, XT series		13,5	0,32	2,4	30	0	CVPG	13,5	0,14	10%	12,1	14,9		30			
(755) Sysmex KX series		9,15	0,69	7,5	12	0	CVPG	9,15	0,49	10%	8,23	10,1		12			
(765) Abbott CELL-DYN Ruby		9,12	0,31	3,4	13	0	CVPG	9,12	0,21	10%	8,2	10,1		13			
(768) MINDRAY BC 5xxx series		13,1	1,6	12	5	1	CVPG	13,1	1,6	10%	11,7	14,5		0			
(772) Sysmex XN series		13,0	0,21	1,6	73	0	CVPG	13	0,059	10%	11,7	14,3		73			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		14,8	0,29	2,0	13	0	CVPG	14,8	0,20	10%	13,3	16,3		13			
Other					21	0										0	
								2x 702, 2x 703, 1x 716, 2x 718, 4x 741, 3x 743, 2x 748, 1x 766, 3x 771, 1x 999									
(157) MPV					188									181	180	99%	
Samples and groups	[fL]																
Sample A		9,60	1,0	11	188									181	180	99%	
(1) Automate; (12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		8,22	0,42	5,1	12	0	CVPG	8,17	0,31	18%	6,69	9,65		12			
(1) Automate; (63) Sysmex; (749) Sysmex XE, XS, XT series		9,79	0,49	5,0	29	0	CVPG	10	0,11	18%	8,2	11,8		29			
(1) Automate; (63) Sysmex; (755) Sysmex KX series		9,50	0,56	5,9	16	0	CVPG	10	0,11	18%	8,2	11,8		16			
(1) Automate; (63) Sysmex; (772) Sysmex XN series		10,2	0,36	3,6	74	0	CVPG	10	0,11	18%	8,2	11,8		74			
(1) Automate; (157) Nihon Kohden; (744) Nihon Kohden Celltac G		8,20	0,000	0,00	5	0	CVPG	8	0,52	18%	6,56	9,44		5			
(1) Automate; (177) MINDRAY; (768) MINDRAY BC 5xxx series		8,95	0,82	9,1	5	0	CVPG	9,7	1,3	18%	7,95	11,5		5			
(1) Automate; (179) Siemens; (737) Siemens ADVIA 120, 2120, 2120i		10,1	0,67	6,7	14	0	CVPG	10,1	0,44	18%	8,28	12		14			
(2) Automat (optical Abbott); (1) Abbott; (765) Abbott CELL-DYN Ruby		5,85	0,49	8,4	12	0	CVPG	5,85	0,35	18%	4,79	6,91		12			
Other					21	0										14	
								1x 1/1/702, 1x 1/12/718, 1x 1/46/718, 1x 1/46/999, 2x 1/63/748, 4x 1/157/741, 3x 1/157/743, 1x 1/177/766, 3x 1/177/771, 1x 1/204/716, 1x 1/207/773, 2x 703									
Sample B		9,87	0,76	7,7	188									181	181	100%	
(1) Automate; (12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		8,85	0,16	1,8	12	0	CVPG	8,82	0,14	18%	7,23	10,5		12			
(1) Automate; (63) Sysmex; (749) Sysmex XE, XS, XT series		10,1	0,30	2,9	29	0	CVPG	10,2	0,077	18%	8,36	12,1		29			
(1) Automate; (63) Sysmex; (755) Sysmex KX series		9,60	0,15	1,6	16	0	CVPG	10,2	0,077	18%	8,36	12,1		16			
(1) Automate; (63) Sysmex; (772) Sysmex XN series		10,3	0,23	2,2	74	0	CVPG	10,2	0,077	18%	8,36	12,1		74			
(1) Automate; (157) Nihon Kohden; (744) Nihon Kohden Celltac G		8,80	0,15	1,7	5	0	CVPG	8,42	0,66	18%	6,9	9,94		5			
(1) Automate; (177) MINDRAY; (768) MINDRAY BC 5xxx series		9,40	0,89	9,5	5	0	CVPG	9,95	1,2	18%	8,15	11,8		5			
(1) Automate; (179) Siemens; (737) Siemens ADVIA 120, 2120, 2120i		10,4	0,63	6,1	14	0	CVPG	10,4	0,41	18%	8,52	12,3		14			
(2) Automat (optical Abbott); (1) Abbott; (765) Abbott CELL-DYN Ruby		4,49	0,35	7,8	12	0	CVPG	4,49	0,25	18%	3,68	5,3		12			
Other					21	0										14	
								1x 1/1/702, 1x 1/12/718, 1x 1/46/718, 1x 1/46/999, 2x 1/63/748, 4x 1/157/741, 3x 1/157/743, 1x 1/177/766, 3x 1/177/771, 1x 1/204/716, 1x 1/207/773, 2x 703									
(158) PDW [%]					33									29	26	90%	
Samples and groups	[%]																
Sample A		26,0	14	55	33									29	27	93%	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		17,7	0,30	1,7	11	0	CVPG	17,7	0,22	15%	15	20,4		11			
(179) Siemens; (737) Siemens ADVIA 120, 2120, 2120i		54,9	7,3	13	7	0	CVPG	54,9	7,1	15%	46,6	63,2		7			
Other					15	0										11	
								1x 46/718, 4x 157/741, 4x 157/743, 3x 157/744, 2x 179/703, 1x 204/716									
Sample B		24,5	12	51	33									29	28	97%	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		17,1	0,160	0,91	11	0	CVPG	17,1	0,11	15%	14,5	19,7		11			
(179) Siemens; (737) Siemens ADVIA 120, 2120, 2120i		44,5	8,1	18	7	0	CVPG	44,5	7,8	15%	37,8	51,2		7			
Other					15	0										11	
								1x 46/718, 4x 157/741, 4x 157/743, 3x 157/744, 2x 179/703, 1x 204/716									
(165) PDW [fL]					119									119	115	97%	
Samples and groups	[fL]																
Sample A		11,2	0,84	7,5	119		CVP	11,2	0,19	15%	9,52	12,9		119	115	97%	

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

EQA round: KO3/19 - Blood Count

Dead line: 26.07.2019

Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability								
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	
(165) PDW [fL]					119							119	115	97%	
Samples and groups	[fL]														
Sample A		11,2	0,84	7,5	119		CVP	11,2	0,19	15%	9,52	12,9	119	115	97%
(749) Sysmex XE, XS, XT series		11,3	0,69	6,1	28	0							28		
(755) Sysmex KX series		11,6	0,54	4,6	15	0							15		
(772) Sysmex XN series		11,1	0,90	8,1	74	0							74		
Other					2	0							2		
							2x 748								
Sample B		12,0	0,59	4,9	119		CVP	12	0,13	15%	10,2	13,8	119	119	100%
(749) Sysmex XE, XS, XT series		12,0	0,64	5,3	28	0							28		
(755) Sysmex KX series		12,3	0,42	3,4	15	0							15		
(772) Sysmex XN series		11,9	0,58	4,9	74	0							74		
Other					2	0							2		
							2x 748								
(166) PDW [-]					17								17	15	88%
Samples and groups	[-]														
Sample A		18,6	3,2	17	17								17	15	88%
(1) Abbott; (765) Abbott CELL-DYN Ruby		20,0	2,5	13	11	0	CVPG	20	1,9	15%	17	23	11		
Other					6	0							6		
							3x 177/768, 3x 177/771								
Sample B		17,0	1,3	7,4	17								17	15	88%
(1) Abbott; (765) Abbott CELL-DYN Ruby		17,5	1,2	6,9	11	0	CVPG	17,5	0,90	15%	14,8	20,2	11		
Other					6	0							6		
							3x 177/768, 3x 177/771								

st_kn_p

End of report

Printed: 31.07.2019