

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

EQA round: KO2/21 - Blood Count

Deadline: 23.04.2021

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 the 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					184						184	179	97%	
----- Samples and groups	r.10(exp9)/L]													
Sample A		4,99	0,18	3,6	184	CVP	4,99	0,032	15%	4,24	5,74	184	179	97%
(741) Nihon Kohden Celltac Alfa		4,95	0,074	1,5	5	0						5		
(749) Sysmex XE, XS, XT series		5,11	0,15	3,0	18	0						18		
(755) Sysmex KX series		4,90	0,23	4,7	12	0						12		
(765) Abbott CELL-DYN Ruby		4,70	0,35	7,4	8	0						8		
(768) MINDRAY BC 5xxx series		4,50	0,35	7,8	5	0						5		
(771) MINDRAY BC 6xxx series		4,98	0,14	2,9	17	0						17		
(772) Sysmex XN series		5,04	0,13	2,5	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		4,89	0,13	2,6	14	0						14		
Other					24	0						24		
							1x 702, 1x 703, 1x 716, 2x 718, 2x 737, 2x 743, 4x 744, 1x 748, 3x 763, 4x 766, 3x 999							
Sample B		7,21	0,22	3,1	184	CVP	7,21	0,040	15%	6,12	8,3	184	183	99%
(741) Nihon Kohden Celltac Alfa		7,15	0,074	1,0	5	0						5		
(749) Sysmex XE, XS, XT series		7,34	0,21	2,9	18	0						18		
(755) Sysmex KX series		7,05	0,24	3,4	12	0						12		
(765) Abbott CELL-DYN Ruby		7,14	0,27	3,7	8	0						8		
(768) MINDRAY BC 5xxx series		6,74	0,30	4,5	5	0						5		
(771) MINDRAY BC 6xxx series		7,24	0,17	2,3	17	0						17		
(772) Sysmex XN series		7,29	0,16	2,2	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		6,98	0,23	3,4	14	0						14		
Other					24	0						24		
							1x 702, 1x 703, 1x 716, 2x 718, 2x 737, 2x 743, 4x 744, 1x 748, 3x 763, 4x 766, 3x 999							
(151) RBC					184						184	183	99%	
----- Samples and groups	r.10(exp12)/L]													
Sample A		3,81	0,059	1,6	184	CVP	3,81	0,011	7%	3,54	4,08	184	184	100%
(741) Nihon Kohden Celltac Alfa		3,85	0,082	2,1	5	0						5		
(749) Sysmex XE, XS, XT series		3,82	0,07	1,8	18	0						18		
(755) Sysmex KX series		3,77	0,087	2,3	12	0						12		
(765) Abbott CELL-DYN Ruby		3,88	0,089	2,3	8	0						8		
(768) MINDRAY BC 5xxx series		3,84	0,030	0,77	5	0						5		
(771) MINDRAY BC 6xxx series		3,80	0,08	2,1	17	0						17		
(772) Sysmex XN series		3,80	0,048	1,3	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		3,82	0,045	1,2	14	0						14		
Other					24	0						24		
							1x 702, 1x 703, 1x 716, 2x 718, 2x 737, 2x 743, 4x 744, 1x 748, 3x 763, 4x 766, 3x 999							
Sample B		3,96	0,066	1,7	184	CVP	3,96	0,012	7%	3,68	4,24	184	183	99%
(741) Nihon Kohden Celltac Alfa		4,00	0,037	0,93	5	0						5		
(749) Sysmex XE, XS, XT series		3,97	0,064	1,6	18	0						18		
(755) Sysmex KX series		3,92	0,10	2,7	12	0						12		
(765) Abbott CELL-DYN Ruby		4,00	0,096	2,4	8	0						8		
(768) MINDRAY BC 5xxx series		3,93	0,059	1,5	5	0						5		
(771) MINDRAY BC 6xxx series		3,94	0,079	2,0	17	0						17		
(772) Sysmex XN series		3,95	0,061	1,5	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		3,96	0,049	1,2	14	0						14		
Other					24	0						24		
							1x 702, 1x 703, 1x 716, 2x 718, 2x 737, 2x 743, 4x 744, 1x 748, 3x 763, 4x 766, 3x 999							
(152) Haemoglobin					189						189	188	99%	
----- Samples and groups	[g/L]													
Sample A		122	2,2	1,8	189	CVP	122	0,40	6%	114	130	189	188	99%
(741) Nihon Kohden Celltac Alfa		122	3,0	2,4	5	0						5		
(749) Sysmex XE, XS, XT series		121	1,4	1,1	18	0						18		
(755) Sysmex KX series		123	3,5	2,8	12	0						12		
(765) Abbott CELL-DYN Ruby		124	3,0	2,4	8	0						8		
(768) MINDRAY BC 5xxx series		123	2,2	1,8	5	0						5		
(771) MINDRAY BC 6xxx series		123	1,9	1,5	17	0						17		
(772) Sysmex XN series		121	1,5	1,2	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		122	1,5	1,2	14	0						14		
(999) another system		123	4,4	3,6	8	0						8		
Other					21	0						21		
							1x 702, 1x 703, 1x 716, 2x 718, 2x 737, 2x 743, 4x 744, 1x 748, 3x 763, 4x 766							
Sample B		116	2,1	1,9	189	CVP	116	0,38	6%	109	123	189	189	100%
(741) Nihon Kohden Celltac Alfa		116	3,0	2,6	5	0						5		

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

EQA round: KO2/21 - Blood Count

Deadline: 23.04.2021

Test	[unit]						Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(152) Haemoglobin	[g/L]				189							189	188	99%
Samples and groups														
Sample B		116	2,1	1,9	189	CVP	116	0,38	6%	109	123	189	189	100%
(749) Sysmex XE, XS, XT series		115	1,5	1,3	18	0						18		
(755) Sysmex KX series		117	2,6	2,2	12	0						12		
(765) Abbott CELL-DYN Ruby		118	1,5	1,3	8	0						8		
(768) MINDRAY BC 5xxx series		117	2,2	1,9	5	0						5		
(771) MINDRAY BC 6xxx series		117	1,7	1,5	17	0						17		
(772) Sysmex XN series		115	1,5	1,3	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		117	1,4	1,2	14	0						14		
(999) another system		118	3,7	3,2	8	0						8		
Other					21	0						21		
1x 702, 1x 703, 1x 716, 2x 718, 2x 737, 2x 743, 4x 744, 1x 748, 3x 763, 4x 766														
(153) HCT	[-]				184							184	178	97%
Samples and groups														
Sample A		0,376	0,009	2,4	184	CVP	0,376	,0016	10%	0,338	0,414	184	181	98%
(741) Nihon Kohden Celltac Alfa		0,349	0,017	4,9	5	0						5		
(749) Sysmex XE, XS, XT series		0,376	0,007	2,1	18	0						18		
(755) Sysmex KX series		0,368	0,009	2,6	12	0						12		
(765) Abbott CELL-DYN Ruby		0,381	0,017	4,5	8	0						8		
(768) MINDRAY BC 5xxx series		0,376	0,008	2,2	5	0						5		
(771) MINDRAY BC 6xxx series		0,374	0,011	2,9	17	0						17		
(772) Sysmex XN series		0,379	0,007	2,0	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,376	0,004	1,3	14	0						14		
Other					24	0						24		
1x 702, 1x 703, 1x 716, 2x 718, 2x 737, 2x 743, 4x 744, 1x 748, 3x 763, 4x 766, 3x 999														
Sample B		0,374	0,012	3,2	184	CVP	0,374	,0022	10%	0,336	0,412	184	179	97%
(741) Nihon Kohden Celltac Alfa		0,338	0,016	4,8	5	0						5		
(749) Sysmex XE, XS, XT series		0,375	0,009	2,4	18	0						18		
(755) Sysmex KX series		0,370	0,005	1,6	12	0						12		
(765) Abbott CELL-DYN Ruby		0,373	0,016	4,4	8	0						8		
(768) MINDRAY BC 5xxx series		0,369	0,005	1,4	5	0						5		
(771) MINDRAY BC 6xxx series		0,370	0,012	3,2	17	0						17		
(772) Sysmex XN series		0,380	0,009	2,5	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,367	0,004	1,3	14	0						14		
Other					24	0						24		
1x 702, 1x 703, 1x 716, 2x 718, 2x 737, 2x 743, 4x 744, 1x 748, 3x 763, 4x 766, 3x 999														
(154) MCV	[fL]				184							184	180	98%
Samples and groups														
Sample A		98,7	2,0	2,0	184	CVP	98,7	0,36	10%	88,8	109	184	183	99%
(741) Nihon Kohden Celltac Alfa		91,2	1,7	1,9	5	0						5		
(749) Sysmex XE, XS, XT series		98,2	1,5	1,6	18	0						18		
(755) Sysmex KX series		98,1	2,4	2,4	12	0						12		
(765) Abbott CELL-DYN Ruby		98,3	2,1	2,2	8	0						8		
(768) MINDRAY BC 5xxx series		98,4	2,1	2,1	5	0						5		
(771) MINDRAY BC 6xxx series		98,4	1,8	1,9	17	0						17		
(772) Sysmex XN series		99,7	1,5	1,5	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		98,5	1,2	1,2	14	0						14		
Other					24	0						24		
1x 702, 1x 703, 1x 716, 2x 718, 2x 737, 2x 743, 4x 744, 1x 748, 3x 763, 4x 766, 3x 999														
Sample B		94,5	2,5	2,7	184	CVP	94,5	0,46	10%	85	104	184	180	98%
(741) Nihon Kohden Celltac Alfa		85,0	1,9	2,2	5	0						5		
(749) Sysmex XE, XS, XT series		94,1	2,1	2,3	18	0						18		
(755) Sysmex KX series		94,1	2,6	2,8	12	0						12		
(765) Abbott CELL-DYN Ruby		93,9	1,3	1,3	8	0						8		
(768) MINDRAY BC 5xxx series		93,8	2,7	2,9	5	0						5		
(771) MINDRAY BC 6xxx series		94,0	1,8	1,9	17	0						17		
(772) Sysmex XN series		96,1	1,4	1,4	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		93,0	1,2	1,3	14	0						14		
Other					24	0						24		
1x 702, 1x 703, 1x 716, 2x 718, 2x 737, 2x 743, 4x 744, 1x 748, 3x 763, 4x 766, 3x 999														
(155) Platelets	·10(exp9)/L]				184							184	184	100%
Samples and groups														
Sample A		263	11	4,3	184	CVP	263	2,0	20%	210	316	184	184	100%
(741) Nihon Kohden Celltac Alfa		265	3,7	1,4	5	0						5		
(749) Sysmex XE, XS, XT series		263	12	4,5	18	0						18		
(755) Sysmex KX series		266	11	4,3	12	0						12		
(765) Abbott CELL-DYN Ruby		250	12	4,7	8	0						8		
(768) MINDRAY BC 5xxx series		269	21	8,0	5	0						5		
(771) MINDRAY BC 6xxx series		268	18	6,6	17	0						17		

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

EQA round: KO2/21 - Blood Count

Deadline: 23.04.2021

Test	[unit]						Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(155) Platelets	f.10(exp9)/L				184							184	184	100%
Samples and groups														
Sample A		263	11	4,3	184	CVP	263	2,0	20%	210	316	184	184	100%
(772) Sysmex XN series		264	8,1	3,1	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		255	7,8	3,1	14	0						14		
Other					24	0						24		

Sample B		343	18	5,3	184	CVP	343	3,3	20%	274	412	184	184	100%
(741) Nihon Kohden Celltac Alfa		365	4,4	1,2	5	0						5		
(749) Sysmex XE, XS, XT series		341	19	5,6	18	0						18		
(755) Sysmex KX series		330	18	5,6	12	0						12		
(765) Abbott CELL-DYN Ruby		322	23	7,1	8	0						8		
(768) MINDRAY BC 5xxx series		331	14	4,3	5	0						5		
(771) MINDRAY BC 6xxx series		346	25	7,3	17	0						17		
(772) Sysmex XN series		350	9,2	2,6	81	0						81		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		319	12	3,6	14	0						14		
Other					24	0						24		

(156) RDW	[%]				170							163	155	95%
Samples and groups														
Sample A		13,3	0,45	3,4	170							163	156	96%
(1) Abbott; (765) Abbott CELL-DYN Ruby		12,9	0,30	2,3	7	0	CVPG	12,8	0,21	10%	11,5	14,1	7	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		14,2	0,19	1,3	14	0	CVPG	14,2	0,13	10%	12,7	15,7	14	
(63) Sysmex; (749) Sysmex XE, XS, XT series		13,6	0,29	2,1	17	0	CVPG	13,3	0,053	10%	11,9	14,7	17	
(63) Sysmex; (755) Sysmex KX series		13,0	0,30	2,3	8	1	CVPG	13,3	0,053	10%	11,9	14,7	8	
(63) Sysmex; (772) Sysmex XN series		13,2	0,15	1,2	79	1	CVPG	13,3	0,053	10%	11,9	14,7	79	
(177) Mindray; (768) MINDRAY BC 5xxx series		13,0	0,37	2,9	5	0	CVPG	13,3	0,24	10%	11,9	14,7	5	
(177) Mindray; (771) MINDRAY BC 6xxx series		13,3	0,32	2,4	16	1	CVPG	13,3	0,24	10%	11,9	14,7	16	
Other					24	0						17		

Sample B		15,4	0,54	3,5	170							163	157	96%
(1) Abbott; (765) Abbott CELL-DYN Ruby		14,8	0,30	2,0	7	0	CVPG	14,6	0,29	10%	13,1	16,1	7	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		16,7	0,35	2,1	14	0	CVPG	16,6	0,23	10%	14,9	18,3	14	
(63) Sysmex; (749) Sysmex XE, XS, XT series		15,7	0,27	1,7	17	0	CVPG	15,3	0,059	10%	13,7	16,9	17	
(63) Sysmex; (755) Sysmex KX series		14,8	0,30	2,0	8	1	CVPG	15,3	0,059	10%	13,7	16,9	8	
(63) Sysmex; (772) Sysmex XN series		15,2	0,16	1,1	79	1	CVPG	15,3	0,059	10%	13,7	16,9	79	
(177) Mindray; (768) MINDRAY BC 5xxx series		14,9	0,074	0,50	5	0	CVPG	15,7	0,33	10%	14,1	17,3	5	
(177) Mindray; (771) MINDRAY BC 6xxx series		15,8	0,42	2,7	16	1	CVPG	15,7	0,33	10%	14,1	17,3	16	
Other					24	0						17		

(157) MPV	[fL]				174							167	166	99%
Samples and groups														
Sample A		10,3	0,78	7,5	174							167	166	99%
(1) Abbott; (765) Abbott CELL-DYN Ruby		7,07	0,41	5,8	7	0	CVPG	7,18	0,38	18%	5,88	8,48	7	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		9,04	0,38	4,2	14	0	CVPG	9,1	0,23	18%	7,46	10,8	14	
(63) Sysmex; (749) Sysmex XE, XS, XT series		10,7	0,25	2,4	17	0	CVPG	10,7	0,057	18%	8,77	12,7	17	
(63) Sysmex; (755) Sysmex KX series		10,5	0,28	2,6	10	0	CVPG	10,7	0,057	18%	8,77	12,7	10	
(63) Sysmex; (772) Sysmex XN series		10,7	0,23	2,2	80	0	CVPG	10,7	0,057	18%	8,77	12,7	80	
(177) Mindray; (768) MINDRAY BC 5xxx series		9,30	0,30	3,2	5	0	CVPG	10,4	0,35	18%	8,52	12,3	5	
(177) Mindray; (771) MINDRAY BC 6xxx series		10,7	0,27	2,5	17	0	CVPG	10,4	0,35	18%	8,52	12,3	17	
Other					24	0						17		

Sample B		11,5	0,79	6,9	174							167	166	99%
(1) Abbott; (765) Abbott CELL-DYN Ruby		8,12	0,87	11	7	0	CVPG	8,26	0,53	18%	6,77	9,75	7	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		10,3	0,44	4,3	14	0	CVPG	10,3	0,24	18%	8,44	12,2	14	
(63) Sysmex; (749) Sysmex XE, XS, XT series		11,9	0,31	2,6	17	0	CVPG	11,8	0,062	18%	9,67	14	17	

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

EQA round: KO2/21 - Blood Count

Deadline: 23.04.2021

Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability						N _{eva}	N _{suc}	S _{rel}
							AV	U _{AV}	D _{max}	LL	UL				
(157) MPV	[fL]				174								167	166	99%
Samples and groups															
Sample B		11,5	0,79	6,9	174								167	166	99%
(63) Sysmex; (755) Sysmex KX series		11,7	0,32	2,7	10	0	CVPG	11,8	0,062	18%	9,67	14	10		
(63) Sysmex; (772) Sysmex XN series		11,8	0,25	2,1	80	0	CVPG	11,8	0,062	18%	9,67	14	80		
(177) Mindray; (768) MINDRAY BC 5xxx series		10,5	0,52	5,0	5	0	CVPG	11,8	0,39	18%	9,67	14	5		
(177) Mindray; (771) MINDRAY BC 6xxx series		12,2	0,36	3,0	17	0	CVPG	11,8	0,39	18%	9,67	14	17		
Other					24	0							17		
1x 1/702, 2x 1/763, 2x 12/718, 1x 46/999, 1x 63/748, 4x 157/741, 2x 157/743, 3x 157/744, 2x 177/766, 1x 179/703, 2x 179/737, 1x 204/716, 1x 204/999, 1x 999/999															
(158) PDW [%]	[%]				23								20	20	100%
Samples and groups															
Sample A		17,5	0,47	2,7	23								20	20	100%
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		17,3	0,19	1,1	12	0	CVPG	17,3	0,14	15%	14,7	19,9	12		
Other					11	0							8		
1x 46/999, 4x 157/741, 1x 157/743, 3x 157/744, 1x 179/703, 1x 204/999															
Sample B		16,5	0,42	2,6	23								20	20	100%
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		16,5	0,23	1,4	12	0	CVPG	16,5	0,17	15%	14	19	12		
Other					11	0							8		
1x 46/999, 4x 157/741, 1x 157/743, 3x 157/744, 1x 179/703, 1x 204/999															
(165) PDW [fL]	[fL]				105								105	104	99%
Samples and groups															
Sample A		12,7	0,65	5,1	105								105	104	99%
(63) Sysmex; (749) Sysmex XE, XS, XT series		12,8	0,70	5,5	17	0	CVPG	12,7	0,16	15%	10,7	14,7	17		
(63) Sysmex; (755) Sysmex KX series		13,8	0,88	6,4	10	0	CVPG	12,7	0,16	15%	10,7	14,7	10		
(63) Sysmex; (772) Sysmex XN series		12,6	0,57	4,5	77	0	CVPG	12,7	0,16	15%	10,7	14,7	77		
Other					1	0							1		
1x 63/748															
Sample B		14,7	0,53	3,6	105								105	105	100%
(63) Sysmex; (749) Sysmex XE, XS, XT series		14,8	0,60	4,0	17	0	CVPG	14,7	0,13	15%	12,4	17	17		
(63) Sysmex; (755) Sysmex KX series		15,3	0,72	4,7	10	0	CVPG	14,7	0,13	15%	12,4	17	10		
(63) Sysmex; (772) Sysmex XN series		14,6	0,51	3,5	77	0	CVPG	14,7	0,13	15%	12,4	17	77		
Other					1	0							1		
1x 63/748															
(166) PDW [-]	[-]				22								22	22	100%
Samples and groups															
Sample A		16,4	0,45	2,7	22								22	22	100%
(1) Abbott; (765) Abbott CELL-DYN Ruby		20,3	0,44	2,2	5	0	CVPG	20,3	1,3	15%	17,2	23,4	5		
(177) Mindray; (771) MINDRAY BC 6xxx series		16,2	0,12	0,75	13	0	CVPG	16,2	0,072	15%	13,7	18,7	13		
Other					4	0							4		
2x 177/766, 2x 177/768															
Sample B		15,8	0,28	1,8	22								22	22	100%
(1) Abbott; (765) Abbott CELL-DYN Ruby		19,8	0,52	2,6	5	0	CVPG	19,8	1,5	15%	16,8	22,8	5		
(177) Mindray; (771) MINDRAY BC 6xxx series		15,7	0,091	0,58	13	0	CVPG	15,7	0,064	15%	13,3	18,1	13		
Other					4	0							4		
2x 177/766, 2x 177/768															
(160) Neutrophiles	1·10 ^(exp9) /L				146								146	138	95%
Samples and groups															
Sample A		2,48	0,14	5,8	146		CVP	2,48	0,029	25%	1,86	3,1	146	138	95%
(749) Sysmex XE, XS, XT series		2,50	0,11	4,3	17	0							17		
(765) Abbott CELL-DYN Ruby		1,80	0,49	27	7	0							7		
(771) MINDRAY BC 6xxx series		2,65	0,096	3,6	15	0							15		
(772) Sysmex XN series		2,51	0,095	3,8	76	0							76		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		2,44	0,093	3,8	14	0							14		
Other					17	0							17		
1x 703, 2x 718, 1x 737, 2x 743, 3x 744, 3x 763, 4x 768, 1x 999															
Sample B		3,12	0,13	4,3	146		CVP	3,12	0,027	25%	2,34	3,9	146	143	98%
(749) Sysmex XE, XS, XT series		3,19	0,11	3,6	17	0							17		
(765) Abbott CELL-DYN Ruby		2,90	0,19	6,6	7	0							7		
(771) MINDRAY BC 6xxx series		3,29	0,091	2,8	15	0							15		
(772) Sysmex XN series		3,12	0,094	3,0	76	0							76		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		3,11	0,079	2,5	14	0							14		
Other					17	1							17		
1x 703, 2x 718, 1x 737, 2x 743, 3x 744, 3x 763, 4x 768, 1x 999															

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

EQA round: KO2/21 - Blood Count

Deadline: 23.04.2021

Test	[unit]						Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(161) Lymphocytes	f.10(exp9)/L]				146							146	143	98%
Samples and groups														
Sample A		1,89	0,084	4,5	146	CVP	1,89	0,017	25%	1,41	2,37	146	143	98%
(749) Sysmex XE, XS, XT series		1,90	0,077	4,0	17	0						17		
(765) Abbott CELL-DYN Ruby		2,16	0,36	16	7	0						7		
(771) MINDRAY BC 6xxx series		1,89	0,10	5,3	15	0						15		
(772) Sysmex XN series		1,86	0,059	3,1	76	0						76		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		1,85	0,083	4,5	14	0						14		
Other					17	0						17		
							1x 703, 2x 718, 1x 737, 2x 743, 3x 744, 3x 763, 4x 768, 1x 999							
Sample B		3,59	0,14	3,9	146	CVP	3,59	0,028	25%	2,69	4,49	146	146	100%
(749) Sysmex XE, XS, XT series		3,62	0,10	2,9	17	0						17		
(765) Abbott CELL-DYN Ruby		3,62	0,14	3,9	7	0						7		
(771) MINDRAY BC 6xxx series		3,57	0,13	3,5	15	0						15		
(772) Sysmex XN series		3,63	0,09	2,5	76	0						76		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		3,35	0,15	4,3	14	0						14		
Other					17	0						17		
							1x 703, 2x 718, 1x 737, 2x 743, 3x 744, 3x 763, 4x 768, 1x 999							
(162) Monocytes	f.10(exp9)/L]				146							146	142	97%
Samples and groups														
Sample A		0,437	0,059	13	146	CVP	0,437	0,012	50%	0,218	0,656	146	144	99%
(749) Sysmex XE, XS, XT series		0,454	0,044	9,6	17	0						17		
(765) Abbott CELL-DYN Ruby		0,416	0,073	18	7	0						7		
(771) MINDRAY BC 6xxx series		0,294	0,042	14	15	0						15		
(772) Sysmex XN series		0,459	0,032	7,1	76	0						76		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,399	0,015	3,8	14	0						14		
Other					17	0						17		
							1x 703, 2x 718, 1x 737, 2x 743, 3x 744, 3x 763, 4x 768, 1x 999							
Sample B		0,380	0,049	13	146	CVP	0,38	0,0100	50%	0,19	0,57	146	144	99%
(749) Sysmex XE, XS, XT series		0,401	0,042	11	17	0						17		
(765) Abbott CELL-DYN Ruby		0,340	0,044	13	7	0						7		
(771) MINDRAY BC 6xxx series		0,278	0,026	9,2	15	0						15		
(772) Sysmex XN series		0,394	0,028	7,2	76	0						76		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,394	0,011	2,8	14	0						14		
Other					17	1						17		
							1x 703, 2x 718, 1x 737, 2x 743, 3x 744, 3x 763, 4x 768, 1x 999							
(163) Eosinophils	f.10(exp9)/L]				146							146	142	97%
Samples and groups														
Sample A		0,140	0,026	18	146	CVP	0,14	0,0053	50%	0,07	0,21	146	143	98%
(749) Sysmex XE, XS, XT series		0,146	0,015	9,9	17	0						17		
(765) Abbott CELL-DYN Ruby		0,138	0,026	19	7	0						7		
(771) MINDRAY BC 6xxx series		0,144	0,012	8,2	15	0						15		
(772) Sysmex XN series		0,140	0,023	17	76	0						76		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,116	0,026	23	14	0						14		
Other					17	0						17		
							1x 703, 2x 718, 1x 737, 2x 743, 3x 744, 3x 763, 4x 768, 1x 999							
Sample B		0,106	0,013	12	146	CVP	0,106	0,0026	50%	0,053	0,159	146	142	97%
(749) Sysmex XE, XS, XT series		0,108	0,012	11	17	0						17		
(765) Abbott CELL-DYN Ruby		0,102	0,014	14	7	0						7		
(771) MINDRAY BC 6xxx series		0,105	0,016	15	15	0						15		
(772) Sysmex XN series		0,105	0,013	13	76	0						76		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,100	0,0000	0,20	14	0						14		
Other					17	1						17		
							1x 703, 2x 718, 1x 737, 2x 743, 3x 744, 3x 763, 4x 768, 1x 999							
(164) Basophiles	f.10(exp9)/L]				145							145	141	97%
Samples and groups														
Sample A		0,067	0,029	44	145	CVP	0,067	0,0060	asym.	0	0,15	145	142	98%
(749) Sysmex XE, XS, XT series		0,072	0,029	40	17	0						17		
(765) Abbott CELL-DYN Ruby		0,111	0,02	18	7	0						7		
(771) MINDRAY BC 6xxx series		0,035	0,026	74	15	0						15		
(772) Sysmex XN series		0,075	0,017	23	75	0						75		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,027	0,047	170	14	0						14		
Other					17	0						17		
							1x 703, 2x 718, 1x 737, 2x 743, 3x 744, 3x 763, 4x 768, 1x 999							
Sample B		0,038	0,019	51	145	CVP	0,038	0,0039	asym.	0	0,216	145	144	99%
(749) Sysmex XE, XS, XT series		0,034	0,013	38	17	0						17		
(765) Abbott CELL-DYN Ruby		0,142	0,032	23	7	0						7		
(771) MINDRAY BC 6xxx series		0,014	0,011	80	15	0						15		
(772) Sysmex XN series		0,038	0,01	27	75	0						75		

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

EQA round: KO2/21 - Blood Count

Deadline: 23.04.2021

Test	[unit]	ROM	SD	CV [%]	N _{tot}	N _{out}	Comparability								
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	
(164) Basophiles					145							145	141	97%	
Samples and groups	1.10(exp9)/L														
Sample B		0,038	0,019	51	145		CVP	0,038	,0039	asym.	0	0,216	145	144	99%
(773) Beckman Coulter DxH		0,082	0,033	40	14	0							14		
600/800/900, HMX series, LH series															
Other					17	0							17		
							1x 703, 2x 718, 1x 737, 2x 743, 3x 744, 3x 763, 4x 768, 1x 999								
st_kn_p							End of report								Printed: 30.04.2021