

## Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

## EQA round: KO7/22 - Blood Count

Deadline: 07.10.2022

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 <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability												
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>
<b>(150) WBC</b>					191						191	191	100%	
----- Samples and groups	r.10(exp9)/L]													
<b>Sample A</b>		4,96	0,16	3,3	191	CVP	4,96	0,029	15%	4,21	5,71	191	191	100%
(737) Siemens Advia 120, 2120, 2120i		4,71	0,14	3,0	11	0						11		
(749) Sysmex XE, XS, XT series		5,09	0,13	2,5	11	0						11		
(755) Sysmex KX series		4,83	0,20	4,1	13	0						13		
(766) MINDRAY BC 2xxx, 3xxx series		4,90	0,15	3,0	6	0						6		
(768) MINDRAY BC 5xxx series		4,87	0,19	3,8	9	0						9		
(771) MINDRAY BC 6xxx series		5,03	0,12	2,3	21	0						21		
(772) Sysmex XN series		5,01	0,11	2,2	92	0						92		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		4,81	0,14	2,9	10	0						10		
Other					18	0						18		
							3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999							
<b>Sample B</b>		4,87	0,14	2,9	191	CVP	4,87	0,025	15%	4,13	5,61	191	191	100%
(737) Siemens Advia 120, 2120, 2120i		4,61	0,31	6,7	11	0						11		
(749) Sysmex XE, XS, XT series		4,92	0,17	3,4	11	0						11		
(755) Sysmex KX series		4,77	0,18	3,8	13	0						13		
(766) MINDRAY BC 2xxx, 3xxx series		4,80	0,15	3,1	6	0						6		
(768) MINDRAY BC 5xxx series		4,71	0,22	4,6	9	0						9		
(771) MINDRAY BC 6xxx series		4,91	0,12	2,4	21	0						21		
(772) Sysmex XN series		4,91	0,094	1,9	92	0						92		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		4,72	0,19	4,1	10	0						10		
Other					18	0						18		
							3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999							
<b>(151) RBC</b>					191						191	191	100%	
----- Samples and groups	r.10(exp12)/L]													
<b>Sample A</b>		4,01	0,066	1,7	191	CVP	4,01	0,012	7%	3,72	4,3	191	191	100%
(737) Siemens Advia 120, 2120, 2120i		4,08	0,059	1,4	11	0						11		
(749) Sysmex XE, XS, XT series		4,08	0,059	1,4	11	0						11		
(755) Sysmex KX series		3,97	0,11	2,8	13	0						13		
(766) MINDRAY BC 2xxx, 3xxx series		4,00	0,12	3,0	6	0						6		
(768) MINDRAY BC 5xxx series		3,96	0,12	3,0	9	0						9		
(771) MINDRAY BC 6xxx series		4,03	0,08	2,0	21	0						21		
(772) Sysmex XN series		4,00	0,045	1,1	92	0						92		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		4,02	0,059	1,5	10	0						10		
Other					18	0						18		
							3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999							
<b>Sample B</b>		4,26	0,066	1,6	191	CVP	4,26	0,012	7%	3,96	4,56	191	191	100%
(737) Siemens Advia 120, 2120, 2120i		4,33	0,064	1,5	11	0						11		
(749) Sysmex XE, XS, XT series		4,34	0,058	1,3	11	0						11		
(755) Sysmex KX series		4,26	0,073	1,7	13	0						13		
(766) MINDRAY BC 2xxx, 3xxx series		4,23	0,17	4,0	6	0						6		
(768) MINDRAY BC 5xxx series		4,22	0,11	2,6	9	0						9		
(771) MINDRAY BC 6xxx series		4,27	0,068	1,6	21	0						21		
(772) Sysmex XN series		4,24	0,045	1,1	92	0						92		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		4,25	0,052	1,2	10	0						10		
Other					18	0						18		
							3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999							
<b>(152) Haemoglobin</b>					191						191	190	99%	
----- Samples and groups	[g/L]													
<b>Sample A</b>		130	1,8	1,4	191	CVP	130	0,33	6%	122	138	191	190	99%
(737) Siemens Advia 120, 2120, 2120i		133	2,6	1,9	11	0						11		
(749) Sysmex XE, XS, XT series		131	2,4	1,9	11	0						11		
(755) Sysmex KX series		130	1,9	1,5	13	0						13		
(766) MINDRAY BC 2xxx, 3xxx series		131	1,5	1,1	6	0						6		
(768) MINDRAY BC 5xxx series		130	3,0	2,3	9	0						9		
(771) MINDRAY BC 6xxx series		130	1,20	0,92	21	0						21		
(772) Sysmex XN series		130	1,6	1,2	92	0						92		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		131	1,8	1,3	10	0						10		
Other					18	0						18		
							3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999							
<b>Sample B</b>		124	1,9	1,5	191	CVP	124	0,33	6%	116	132	191	190	99%
(737) Siemens Advia 120, 2120, 2120i		127	2,8	2,2	11	0						11		
(749) Sysmex XE, XS, XT series		125	1,6	1,2	11	0						11		

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Test	[unit]						Comparability							
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>
<b>(152) Haemoglobin</b>	[g/L]				191							191	190	99%
Samples and groups														
<b>Sample B</b>		124	1,9	1,5	191	CVP	124	0,33	6%	116	132	191	190	99%
(755) Sysmex KX series		124	2,0	1,6	13	0						13		
(766) MINDRAY BC 2xxx, 3xxx series		125	3,7	3,0	6	0						6		
(768) MINDRAY BC 5xxx series		125	2,2	1,8	9	0						9		
(771) MINDRAY BC 6xxx series		124	1,10	88	21	0						21		
(772) Sysmex XN series		124	1,5	1,2	92	0						92		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		124	1,7	1,4	10	0						10		
Other					18	0						18		
3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999														
<b>(153) HCT</b>	[-]				190							190	189	99%
Samples and groups														
<b>Sample A</b>		0,395	0,011	2,7	190	CVP	0,395	,0019	10%	0,355	0,435	190	189	99%
(737) Siemens Advia 120, 2120, 2120i		0,411	0,008	2,2	11	0						11		
(749) Sysmex XE, XS, XT series		0,407	0,017	4,3	11	0						11		
(755) Sysmex KX series		0,391	0,009	2,4	13	0						13		
(766) MINDRAY BC 2xxx, 3xxx series		0,392	0,027	7,0	6	0						6		
(768) MINDRAY BC 5xxx series		0,391	0,014	3,6	9	1						9		
(771) MINDRAY BC 6xxx series		0,396	0,011	2,7	21	0						21		
(772) Sysmex XN series		0,396	0,007	1,9	91	0						91		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,389	0,005	1,5	10	0						10		
Other					18	0						18		
3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999														
<b>Sample B</b>		0,386	0,011	2,8	190	CVP	0,386	,0019	10%	0,347	0,425	190	189	99%
(737) Siemens Advia 120, 2120, 2120i		0,402	0,009	2,3	11	0						11		
(749) Sysmex XE, XS, XT series		0,399	0,016	4,0	11	0						11		
(755) Sysmex KX series		0,385	0,011	2,8	13	0						13		
(766) MINDRAY BC 2xxx, 3xxx series		0,377	0,027	7,3	6	0						6		
(768) MINDRAY BC 5xxx series		0,374	0,01	2,8	9	1						9		
(771) MINDRAY BC 6xxx series		0,382	0,007	1,9	21	0						21		
(772) Sysmex XN series		0,390	0,007	1,8	91	0						91		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,376	0,005	1,5	10	0						10		
Other					18	0						18		
3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999														
<b>(154) MCV</b>	[fL]				191							191	191	100%
Samples and groups														
<b>Sample A</b>		98,5	2,1	2,1	191	CVP	98,5	0,37	10%	88,6	109	191	191	100%
(737) Siemens Advia 120, 2120, 2120i		100	2,4	2,4	11	0						11		
(749) Sysmex XE, XS, XT series		99,6	3,1	3,1	11	0						11		
(755) Sysmex KX series		97,7	1,9	1,9	13	0						13		
(766) MINDRAY BC 2xxx, 3xxx series		96,0	1,5	1,5	6	0						6		
(768) MINDRAY BC 5xxx series		97,1	1,3	1,3	9	0						9		
(771) MINDRAY BC 6xxx series		98,0	2,2	2,2	21	0						21		
(772) Sysmex XN series		99,2	1,4	1,4	92	0						92		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		97,1	1,5	1,5	10	0						10		
Other					18	0						18		
3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999														
<b>Sample B</b>		90,8	2,3	2,5	191	CVP	90,8	0,40	10%	81,7	99,9	191	191	100%
(737) Siemens Advia 120, 2120, 2120i		92,6	2,4	2,6	11	0						11		
(749) Sysmex XE, XS, XT series		91,7	2,8	3,0	11	0						11		
(755) Sysmex KX series		90,5	1,7	1,9	13	0						13		
(766) MINDRAY BC 2xxx, 3xxx series		87,7	1,5	1,7	6	0						6		
(768) MINDRAY BC 5xxx series		88,6	2,1	2,3	9	0						9		
(771) MINDRAY BC 6xxx series		89,6	1,9	2,1	21	0						21		
(772) Sysmex XN series		91,8	1,3	1,4	92	0						92		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		88,2	1,1	1,2	10	0						10		
Other					18	0						18		
3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999														
<b>(155) Platelets</b>	f.10(exp9)/L]				191							191	191	100%
Samples and groups														
<b>Sample A</b>		167	6,4	3,8	191	CVP	167	1,1	27%	121	213	191	191	100%
(737) Siemens Advia 120, 2120, 2120i		163	8,8	5,4	11	0						11		
(749) Sysmex XE, XS, XT series		167	7,0	4,2	11	0						11		
(755) Sysmex KX series		166	10	6,0	13	0						13		
(766) MINDRAY BC 2xxx, 3xxx series		170	9,6	5,7	7	0						7		
(768) MINDRAY BC 5xxx series		165	18	11	8	0						8		
(771) MINDRAY BC 6xxx series		171	8,2	4,8	21	0						21		
(772) Sysmex XN series		167	4,2	2,5	92	0						92		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		167	4,6	2,7	10	0						10		

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Test	[unit]						Comparability								
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>	
<b>(155) Platelets</b>	r.10(exp9)/L]				191							191	191	100%	
Samples and groups															
<b>Sample A</b>		167	6,4	3,8	191	0	CVP	167	1,1	27%	121	213	191	191	100%
Other					18	0									
3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999															
<b>Sample B</b>		173	7,7	4,5	191	0	CVP	173	1,4	27%	126	220	191	191	100%
(737) Siemens Advia 120, 2120, 2120i		166	8,7	5,2	11	0									
(749) Sysmex XE, XS, XT series		174	5,6	3,2	11	0									
(755) Sysmex KX series		166	5,4	3,3	13	0									
(766) MINDRAY BC 2xxx, 3xxx series		170	14	8,3	7	0									
(768) MINDRAY BC 5xxx series		163	16	10	8	0									
(771) MINDRAY BC 6xxx series		174	7,2	4,2	21	0									
(772) Sysmex XN series		176	5,4	3,1	92	0									
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		165	5,2	3,1	10	0									
Other					18	0									
3x 703, 1x 706, 2x 716, 1x 718, 2x 741, 1x 743, 4x 744, 1x 763, 1x 765, 2x 999															
<b>(156) RDW</b>	[%]				170							165	162	98%	
Samples and groups															
<b>Sample A</b>		14,2	0,32	2,3	170	0						165	162	98%	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		14,4	0,21	1,5	10	0	CVPG	14,4	0,24	10%	12,9	15,9	10		
(63) Sysmex; (749) Sysmex XE, XS, XT series		14,7	0,30	2,0	9	0	CVPG	14,2	0,055	10%	12,7	15,7	9		
(63) Sysmex; (755) Sysmex KX series		14,0	0,37	2,7	8	2	CVPG	14,2	0,055	10%	12,7	15,7	8		
(63) Sysmex; (772) Sysmex XN series		14,2	0,18	1,3	88	0	CVPG	14,2	0,055	10%	12,7	15,7	88		
(177) Mindray; (768) MINDRAY BC 5xxx series		13,7	0,30	2,2	9	0	CVPG	14,1	0,19	10%	12,6	15,6	9		
(177) Mindray; (771) MINDRAY BC 6xxx series		14,2	0,30	2,1	19	0	CVPG	14,1	0,19	10%	12,6	15,6	19		
(179) Siemens; (737) Siemens Advia 120, 2120, 2120i		14,1	0,60	4,2	11	0	CVPG	14,2	0,41	10%	12,7	15,7	11		
Other					16	0									
1x 1/763, 1x 1/765, 1x 12/718, 1x 46/999, 1x 157/741, 4x 157/744, 3x 177/766, 1x 177/999, 1x 179/703, 1x 204/716, 1x 205/706															
<b>Sample B</b>		13,8	0,40	2,9	170	0						165	162	98%	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		14,4	0,20	1,4	10	0	CVPG	14,5	0,17	10%	13	16	10		
(63) Sysmex; (749) Sysmex XE, XS, XT series		14,2	0,074	0,52	9	0	CVPG	13,7	0,052	10%	12,3	15,1	9		
(63) Sysmex; (755) Sysmex KX series		13,3	0,074	0,56	8	2	CVPG	13,7	0,052	10%	12,3	15,1	8		
(63) Sysmex; (772) Sysmex XN series		13,7	0,16	1,1	88	0	CVPG	13,7	0,052	10%	12,3	15,1	88		
(177) Mindray; (768) MINDRAY BC 5xxx series		13,6	0,44	3,3	9	0	CVPG	14	0,20	10%	12,6	15,4	9		
(177) Mindray; (771) MINDRAY BC 6xxx series		14,1	0,38	2,7	19	0	CVPG	14	0,20	10%	12,6	15,4	19		
(179) Siemens; (737) Siemens Advia 120, 2120, 2120i		14,0	0,59	4,2	11	0	CVPG	14	0,42	10%	12,6	15,4	11		
Other					16	0									
1x 1/763, 1x 1/765, 1x 12/718, 1x 46/999, 1x 157/741, 4x 157/744, 3x 177/766, 1x 177/999, 1x 179/703, 1x 204/716, 1x 205/706															
<b>(157) MPV</b>	[fL]				172							168	162	96%	
Samples and groups															
<b>Sample A</b>		10,7	0,45	4,2	172	0						168	164	98%	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		9,19	0,25	2,7	10	0	CVPG	9,19	0,17	18%	7,53	10,9	10		
(63) Sysmex; (749) Sysmex XE, XS, XT series		10,8	0,36	3,3	11	0	CVPG	10,8	0,061	18%	8,85	12,8	11		
(63) Sysmex; (755) Sysmex KX series		10,5	0,37	3,5	11	0	CVPG	10,8	0,061	18%	8,85	12,8	11		
(63) Sysmex; (772) Sysmex XN series		10,8	0,23	2,1	87	0	CVPG	10,8	0,061	18%	8,85	12,8	87		
(177) Mindray; (768) MINDRAY BC 5xxx series		9,40	1,0	11	9	0	CVPG	10,5	0,26	18%	8,61	12,4	9		
(177) Mindray; (771) MINDRAY BC 6xxx series		10,8	0,42	3,9	19	0	CVPG	10,5	0,26	18%	8,61	12,4	19		
(179) Siemens; (737) Siemens Advia 120, 2120, 2120i		10,9	0,49	4,5	10	0	CVPG	10,9	0,43	18%	8,93	12,9	10		
Other					15	0									
1x 1/763, 1x 12/718, 1x 46/999, 1x 157/741, 4x 157/744, 3x 177/766, 1x 177/999, 1x 179/703, 1x 204/716, 1x 205/706															
<b>Sample B</b>		12,9	0,49	3,8	172	0						168	164	98%	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		11,6	0,30	2,6	10	0	CVPG	11,5	0,22	18%	9,43	13,6	10		
(63) Sysmex; (749) Sysmex XE, XS, XT series		13,0	0,42	3,2	11	0	CVPG	13	0,070	18%	10,6	15,4	11		
(63) Sysmex; (755) Sysmex KX series		12,8	0,32	2,5	11	0	CVPG	13	0,070	18%	10,6	15,4	11		
(63) Sysmex; (772) Sysmex XN series		13,0	0,28	2,2	87	0	CVPG	13	0,070	18%	10,6	15,4	87		
(177) Mindray; (768) MINDRAY BC 5xxx series		11,8	1,7	15	9	0	CVPG	13,1	0,30	18%	10,7	15,5	9		
(177) Mindray; (771) MINDRAY BC 6xxx series		13,4	0,52	3,9	19	0	CVPG	13,1	0,30	18%	10,7	15,5	19		

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							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL				
<b>(157) MPV</b>	[fL]				172								168	162	96%
Samples and groups															
<b>Sample B</b>		12,9	0,49	3,8	172								168	164	98%
(179) Siemens; (737) Siemens Advia 120, 2120, 2120i		13,3	0,69	5,2	10	0	CVPG	13,2	0,61	18%	10,8	15,6	10		
Other					15	0							11		
1x 1/763, 1x 12/718, 1x 46/999, 1x 157/741, 4x 157/744, 3x 177/766, 1x 177/999, 1x 179/703, 1x 204/716, 1x 205/706															
<b>(158) PDW [%]</b>	[%]				22								20	19	95%
Samples and groups															
<b>Sample A</b>		26,5	16	61	22								20	19	95%
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		17,4	0,22	1,3	8	0	CVPG	17,4	0,17	15%	14,7	20,1	8		
(179) Siemens; (737) Siemens Advia 120, 2120, 2120i		48,0	4,9	10	6	0	CVPG	47,7	5,3	15%	40,5	54,9	6		
Other					8	0							6		
1x 46/999, 1x 157/741, 4x 157/744, 1x 179/703, 1x 205/706															
<b>Sample B</b>		28,5	19	68	22								20	19	95%
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		17,3	0,22	1,3	8	0	CVPG	17,3	0,17	15%	14,7	19,9	8		
(179) Siemens; (737) Siemens Advia 120, 2120, 2120i		55,8	6,4	12	6	0	CVPG	54,3	8,4	15%	46,1	62,5	6		
Other					8	0							6		
1x 46/999, 1x 157/741, 4x 157/744, 1x 179/703, 1x 205/706															
<b>(165) PDW [fL]</b>	[fL]				108								107	104	97%
Samples and groups															
<b>Sample A</b>		13,0	0,79	6,1	108								107	105	98%
(63) Sysmex; (749) Sysmex XE, XS, XT series		13,1	0,68	5,2	11	0	CVPG	13	0,18	15%	11	15	11		
(63) Sysmex; (755) Sysmex KX series		14,2	0,61	4,3	11	0	CVPG	13	0,18	15%	11	15	11		
(63) Sysmex; (772) Sysmex XN series		12,9	0,69	5,3	85	0	CVPG	13	0,18	15%	11	15	85		
Other					1	0							0		
1x 204/716															
<b>Sample B</b>		18,2	1,0	5,6	108								107	106	99%
(63) Sysmex; (749) Sysmex XE, XS, XT series		18,6	1,3	6,7	11	0	CVPG	18,2	0,24	15%	15,4	21	11		
(63) Sysmex; (755) Sysmex KX series		19,2	1,3	6,7	11	0	CVPG	18,2	0,24	15%	15,4	21	11		
(63) Sysmex; (772) Sysmex XN series		18,0	0,88	4,9	85	0	CVPG	18,2	0,24	15%	15,4	21	85		
Other					1	0							0		
1x 204/716															
<b>(166) PDW [-]</b>	[-]				30								29	29	100%
Samples and groups															
<b>Sample A</b>		16,3	0,26	1,6	30								29	29	100%
(177) Mindray; (768) MINDRAY BC 5xxx series		16,4	0,30	1,8	7	0	CVPG	16,3	0,11	15%	13,8	18,8	7		
(177) Mindray; (771) MINDRAY BC 6xxx series		16,4	0,19	1,2	17	0	CVPG	16,3	0,11	15%	13,8	18,8	17		
Other					6	0							5		
1x 1/763, 4x 177/766, 1x 177/999															
<b>Sample B</b>		16,3	0,25	1,5	30								29	29	100%
(177) Mindray; (768) MINDRAY BC 5xxx series		16,5	0,22	1,4	7	0	CVPG	16,3	0,10	15%	13,8	18,8	7		
(177) Mindray; (771) MINDRAY BC 6xxx series		16,3	0,18	1,1	17	0	CVPG	16,3	0,10	15%	13,8	18,8	17		
Other					6	0							5		
1x 1/763, 4x 177/766, 1x 177/999															
<b>(160) Neutrophiles</b>	f.10(exp9)/L				154								154	154	100%
Samples and groups															
<b>Sample A</b>		2,14	0,095	4,4	154		CVP	2,14	0,019	25%	1,6	2,68	154	154	100%
(737) Siemens Advia 120, 2120, 2120i		2,14	0,063	3,0	10	0							10		
(749) Sysmex XE, XS, XT series		2,17	0,077	3,6	10	0							10		
(768) MINDRAY BC 5xxx series		2,10	0,16	7,4	9	0							9		
(771) MINDRAY BC 6xxx series		2,24	0,08	3,6	20	0							20		
(772) Sysmex XN series		2,14	0,072	3,4	87	0							87		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		2,03	0,046	2,3	9	0							9		
Other					9	0							9		
3x 703, 1x 718, 2x 744, 1x 755, 1x 763, 1x 999															
<b>Sample B</b>		1,80	0,089	5,0	154		CVP	1,8	0,018	25%	1,35	2,25	154	154	100%
(737) Siemens Advia 120, 2120, 2120i		1,78	0,12	6,7	10	0							10		
(749) Sysmex XE, XS, XT series		1,78	0,065	3,7	10	0							10		
(768) MINDRAY BC 5xxx series		1,80	0,11	6,2	9	0							9		
(771) MINDRAY BC 6xxx series		1,93	0,092	4,7	20	0							20		
(772) Sysmex XN series		1,78	0,066	3,7	87	0							87		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		1,75	0,074	4,2	9	0							9		
Other					9	0							9		
3x 703, 1x 718, 2x 744, 1x 755, 1x 763, 1x 999															

## Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

## EQA round: KO7/22 - Blood Count

Deadline: 07.10.2022

Test	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability						N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>	
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL					
<b>(161) Lymphocytes</b>	f.10(exp9)/L]				154								154	153	99%	
Samples and groups																
<b>Sample A</b>		2,32	0,089	3,8	154		CVP	2,32	0,018	25%	1,74	2,9	154	153	99%	
(737) Siemens Advia 120, 2120, 2120i		2,06	0,15	7,5	10	0							10			
(749) Sysmex XE, XS, XT series		2,37	0,099	4,2	10	0							10			
(768) MINDRAY BC 5xxx series		2,36	0,10	4,4	9	0							9			
(771) MINDRAY BC 6xxx series		2,35	0,064	2,7	20	0							20			
(772) Sysmex XN series		2,32	0,063	2,7	87	0							87			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		2,25	0,074	3,3	9	0							9			
Other					9	0							9			
							3x 703, 1x 718, 2x 744, 1x 755, 1x 763, 1x 999									
<b>Sample B</b>		2,37	0,085	3,6	154		CVP	2,37	0,017	25%	1,77	2,97	154	154	100%	
(737) Siemens Advia 120, 2120, 2120i		2,13	0,22	10	10	0							10			
(749) Sysmex XE, XS, XT series		2,41	0,13	5,3	10	0							10			
(768) MINDRAY BC 5xxx series		2,46	0,13	5,1	9	0							9			
(771) MINDRAY BC 6xxx series		2,38	0,093	3,9	20	0							20			
(772) Sysmex XN series		2,38	0,056	2,4	87	0							87			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		2,20	0,15	6,7	9	0							9			
Other					9	0							9			
							3x 703, 1x 718, 2x 744, 1x 755, 1x 763, 1x 999									
<b>(162) Monocytes</b>	f.10(exp9)/L]				153								153	152	99%	
Samples and groups																
<b>Sample A</b>		0,364	0,055	15	153		CVP	0,364	0,011	50%	0,182	0,546	153	152	99%	
(737) Siemens Advia 120, 2120, 2120i		0,271	0,054	20	10	0							10			
(749) Sysmex XE, XS, XT series		0,394	0,025	6,4	10	0							10			
(768) MINDRAY BC 5xxx series		0,330	0,03	9,0	9	0							9			
(771) MINDRAY BC 6xxx series		0,290	0,019	6,5	20	0							20			
(772) Sysmex XN series		0,392	0,023	5,7	87	0							87			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,350	0,074	21	9	0							9			
Other					8	0							8			
							3x 703, 1x 718, 2x 744, 1x 763, 1x 999									
<b>Sample B</b>		0,562	0,073	13	153		CVP	0,562	0,015	50%	0,281	0,843	153	152	99%	
(737) Siemens Advia 120, 2120, 2120i		0,444	0,038	8,6	10	0							10			
(749) Sysmex XE, XS, XT series		0,619	0,066	11	10	0							10			
(768) MINDRAY BC 5xxx series		0,480	0,015	3,1	9	0							9			
(771) MINDRAY BC 6xxx series		0,471	0,033	7,1	20	0							20			
(772) Sysmex XN series		0,600	0,031	5,2	87	0							87			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,514	0,02	3,9	9	0							9			
Other					8	0							8			
							3x 703, 1x 718, 2x 744, 1x 763, 1x 999									
<b>(163) Eosinophils</b>	f.10(exp9)/L]				153								153	148	97%	
Samples and groups																
<b>Sample A</b>		0,131	0,017	13	153		CVP	0,131	,0034	50%	0,065	0,197	153	149	97%	
(737) Siemens Advia 120, 2120, 2120i		0,124	0,017	13	10	0							10			
(749) Sysmex XE, XS, XT series		0,136	0,017	12	10	0							10			
(768) MINDRAY BC 5xxx series		0,140	0,03	21	9	0							9			
(771) MINDRAY BC 6xxx series		0,138	0,02	14	20	0							20			
(772) Sysmex XN series		0,131	0,014	11	87	0							87			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,105	0,007	7,0	9	0							9			
Other					8	0							8			
							3x 703, 1x 718, 2x 744, 1x 763, 1x 999									
<b>Sample B</b>		0,114	0,014	12	153		CVP	0,114	,0028	50%	0,057	0,171	153	151	99%	
(737) Siemens Advia 120, 2120, 2120i		0,111	0,018	16	10	0							10			
(749) Sysmex XE, XS, XT series		0,114	0,013	12	10	0							10			
(768) MINDRAY BC 5xxx series		0,115	0,022	19	9	0							9			
(771) MINDRAY BC 6xxx series		0,115	0,015	13	20	0							20			
(772) Sysmex XN series		0,114	0,013	11	87	0							87			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,100	0,000	0,00	9	0							9			
Other					8	0							8			
							3x 703, 1x 718, 2x 744, 1x 763, 1x 999									
<b>(164) Basophiles</b>	f.10(exp9)/L]				152								152	152	100%	
Samples and groups																
<b>Sample A</b>		0,033	0,015	45	152		CVP	0,033	,0030	asym.	0	0,149	152	152	100%	
(737) Siemens Advia 120, 2120, 2120i		0,039	0,009	24	10	0							10			
(749) Sysmex XE, XS, XT series		0,050	0,033	66	10	0							10			
(768) MINDRAY BC 5xxx series		0,015	0,007	49	9	0							9			
(771) MINDRAY BC 6xxx series		0,025	0,011	42	19	0							19			
(772) Sysmex XN series		0,036	0,011	30	87	0							87			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,050	0,074	150	9	0							9			

## Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

## EQA round: KO7/22 - Blood Count

Deadline: 07.10.2022

Test	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability								
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>	
<b>(164) Basophiles</b>					152							152	152	100%	
----- Samples and groups -----	r.10(exp9)/L														
<b>Sample A</b>		0,033	0,015	45	152		CVP	0,033	,0030	asym.	0	0,149	152	152	100%
Other					8	0							8		
							3x 703, 1x 718, 2x 744, 1x 763, 1x 999								
<b>Sample B</b>		0,037	0,014	38	152		CVP	0,037	,0028	asym.	0	0,147	152	152	100%
(737) Siemens Advia 120, 2120, 2120i		0,037	0,009	25	10	0							10		
(749) Sysmex XE, XS, XT series		0,042	0,022	53	10	0							10		
(768) MINDRAY BC 5xxx series		0,015	0,007	49	9	0							9		
(771) MINDRAY BC 6xxx series		0,030	0,009	31	19	0							19		
(772) Sysmex XN series		0,041	0,009	24	87	0							87		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,015	0,022	150	9	0							9		
Other					8	0							8		
							3x 703, 1x 718, 2x 744, 1x 763, 1x 999								

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End of report

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