

EQA round: KO4/24 - Blood Count

Deadline: 21.6.2024

Setup: groups - S (measuring system); minimal size of the groups n = 5

RoM = robust average	AV = assigned value	D _{max} = acceptable difference
SD = standard deviation	CVP = consensus of all participants	LL = lower limit
CV = coefficient of variation	CVPG = consensus of the participants' groups	UL = upper limit
N _{tot} = total number of the results	U _{AV} = expanded uncertainty of the assigned value (k = 2)	N _{eva} = number of the results assessed
N _{out} = number of the results removed before calculation		N _{suc} = number of successful results
		S _{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability					N _{eva}	N _{suc}	S _{rel} [%]	
							AV	U _{AV}	D _{max}	LL	UL				
(150) WBC	[·10 ⁹ /L]				157							157	156	99	
Sample A		5,22	0,19	3,6	157		CVP	5,22	0,037	15%	4,43	6,01	157	157	100
(737) Siemens Advia 120, 2120, 2120i		5,13	0,2	3,9	5	0							5		
(741) Nihon Kohden Celltac Alfa		5,24	0,21	4	9	0							9		
(755) Sysmex KX, XP, XQ series		5,2	0,15	2,9	7	0							7		
(768) MINDRAY BC 5xxx series		5,15	0,22	4,2	12	0							12		
(771) MINDRAY BC 6xxx, 7xx series		5,22	0,13	2,5	30	0							30		
(772) Sysmex XN series		5,29	0,14	2,7	65	0							65		
(999) another system		5,37	0,22	4	6	0							6		
Other					23	0							23		
							4x 702, 1x 716, 2x 718, 1x 743, 1x 744, 3x 749, 1x 763, 3x 765, 4x 766, 3x 773								
Sample B		4,88	0,18	3,6	157		CVP	4,88	0,035	15%	4,14	5,62	157	156	99
(737) Siemens Advia 120, 2120, 2120i		4,7	0,16	3,5	5	0							5		
(741) Nihon Kohden Celltac Alfa		4,82	0,13	2,6	9	0							9		
(755) Sysmex KX, XP, XQ series		4,65	0,37	8	7	0							7		
(768) MINDRAY BC 5xxx series		4,77	0,19	4	12	0							12		
(771) MINDRAY BC 6xxx, 7xx series		4,89	0,14	2,8	30	0							30		
(772) Sysmex XN series		4,95	0,13	2,7	65	0							65		
(999) another system		4,94	0,14	2,9	6	0							6		
Other					23	0							23		
							4x 702, 1x 716, 2x 718, 1x 743, 1x 744, 3x 749, 1x 763, 3x 765, 4x 766, 3x 773								
(151) RBC	[·10 ¹² /L]				157							157	155	99	
Sample A		4,21	0,066	1,6	157		CVP	4,21	0,013	7%	3,91	4,51	157	156	99
(737) Siemens Advia 120, 2120, 2120i		4,3	0,059	1,4	5	0							5		
(741) Nihon Kohden Celltac Alfa		4,21	0,059	1,4	9	0							9		
(755) Sysmex KX, XP, XQ series		4,21	0,052	1,2	7	0							7		
(768) MINDRAY BC 5xxx series		4,13	0,14	3,4	12	0							12		
(771) MINDRAY BC 6xxx, 7xx series		4,22	0,071	1,7	30	0							30		
(772) Sysmex XN series		4,21	0,047	1,1	65	0							65		
(999) another system		4,26	0,11	2,6	6	0							6		
Other					23	0							23		
							4x 702, 1x 716, 2x 718, 1x 743, 1x 744, 3x 749, 1x 763, 3x 765, 4x 766, 3x 773								
Sample B		4,09	0,072	1,8	157		CVP	4,09	0,014	7%	3,8	4,38	157	155	99
(737) Siemens Advia 120, 2120, 2120i		4,16	0,12	2,9	5	0							5		
(741) Nihon Kohden Celltac Alfa		4,09	0,082	2	9	0							9		
(755) Sysmex KX, XP, XQ series		4,1	0,03	0,72	7	0							7		
(768) MINDRAY BC 5xxx series		4,02	0,17	4,2	12	0							12		
(771) MINDRAY BC 6xxx, 7xx series		4,09	0,076	1,9	30	0							30		
(772) Sysmex XN series		4,09	0,047	1,1	65	0							65		
(999) another system		4,13	0,067	1,6	6	0							6		
Other					23	0							23		
							4x 702, 1x 716, 2x 718, 1x 743, 1x 744, 3x 749, 1x 763, 3x 765, 4x 766, 3x 773								
(152) Haemoglobin	[g/L]				162							162	162	100	
Sample A		127	2	1,6	162		CVP	127	0,38	6%	119	135	162	162	100
(737) Siemens Advia 120, 2120, 2120i		131	0,74	0,57	5	0							5		
(741) Nihon Kohden Celltac Alfa		128	2	1,6	9	0							9		
(755) Sysmex KX, XP, XQ series		126	2,2	1,8	7	0							7		
(768) MINDRAY BC 5xxx series		126	3	2,3	12	0							12		
(771) MINDRAY BC 6xxx, 7xx series		127	1,8	1,4	30	0							30		
(772) Sysmex XN series		126	1,6	1,3	65	0							65		
(999) another system		128	3,7	2,9	11	0							11		
Other					23	0							23		
							4x 702, 1x 716, 2x 718, 1x 743, 1x 744, 3x 749, 1x 763, 3x 765, 4x 766, 3x 773								
Sample B		125	2	1,6	162		CVP	125	0,39	6%	117	133	162	162	100
(737) Siemens Advia 120, 2120, 2120i		129	0,74	0,58	5	0							5		
(741) Nihon Kohden Celltac Alfa		126	1,5	1,2	9	0							9		
(755) Sysmex KX, XP, XQ series		125	2,2	1,8	7	0							7		
(768) MINDRAY BC 5xxx series		124	2,4	1,9	12	0							12		
(771) MINDRAY BC 6xxx, 7xx series		125	1,8	1,5	30	0							30		
(772) Sysmex XN series		125	1,6	1,3	65	0							65		

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Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability					N _{eva}	N _{suc}	S _{rel} [%]	
							AV	U _{AV}	D _{max}	LL	UL				
(999) another system		127	3,4	2,6	11	0							11		
Other					23	0							23		
							4x 702, 1x 716, 2x 718, 1x 743, 1x 744, 3x 749, 1x 763, 3x 765, 4x 766, 3x 773								
(153) HCT	[-]				150								150	146	97
Sample A		0,418	0,018	4,2	150		CVP	0,418	0,004	10%	0,376	0,46	150	149	99
(737) Siemens Advia 120, 2120, 2120i		0,437	0,012	2,7	5	0							5		
(755) Sysmex KX, XP, XQ series		0,418	0,007	1,6	7	0							7		
(768) MINDRAY BC 5xxx series		0,392	0,011	2,7	12	0							12		
(771) MINDRAY BC 6xxx, 7xx series		0,406	0,011	2,8	30	0							30		
(772) Sysmex XN series		0,43	0,007	1,5	64	0							64		
(999) another system		0,413	0,01	2,5	6	0							6		
Other					26	0							26		
							4x 702, 1x 716, 2x 718, 4x 741, 1x 743, 3x 749, 1x 763, 3x 765, 4x 766, 3x 773								
Sample B		0,403	0,016	4	150		CVP	0,403	0,003	10%	0,362	0,444	150	146	97
(737) Siemens Advia 120, 2120, 2120i		0,422	0,014	3,3	5	0							5		
(755) Sysmex KX, XP, XQ series		0,401	0,004	0,92	7	0							7		
(768) MINDRAY BC 5xxx series		0,38	0,012	3,2	12	0							12		
(771) MINDRAY BC 6xxx, 7xx series		0,39	0,01	2,6	30	0							30		
(772) Sysmex XN series		0,413	0,007	1,7	64	0							64		
(999) another system		0,401	0,009	2,2	6	0							6		
Other					26	1							26		
							4x 702, 1x 716, 2x 718, 4x 741, 1x 743, 3x 749, 1x 763, 3x 765, 4x 766, 3x 773								
(154) MCV	[fL]				151								151	149	99
Sample A		99,5	3,7	3,7	151		CVP	99,5	0,73	10%	89,5	110	151	150	99
(737) Siemens Advia 120, 2120, 2120i		102	0,3	0,29	5	0							5		
(755) Sysmex KX, XP, XQ series		98,9	0,37	0,38	7	0							7		
(768) MINDRAY BC 5xxx series		95,2	3,3	3,5	12	0							12		
(771) MINDRAY BC 6xxx, 7xx series		96,3	1,7	1,7	30	0							30		
(772) Sysmex XN series		102	1,2	1,2	65	0							65		
(999) another system		97,2	1,3	1,4	6	0							6		
Other					26	0							26		
							4x 702, 1x 716, 2x 718, 4x 741, 1x 743, 3x 749, 1x 763, 3x 765, 4x 766, 3x 773								
Sample B		98,6	3,3	3,4	151		CVP	98,6	0,66	10%	88,7	109	151	149	99
(737) Siemens Advia 120, 2120, 2120i		101	0,52	0,51	5	0							5		
(755) Sysmex KX, XP, XQ series		97,6	0,74	0,76	7	0							7		
(768) MINDRAY BC 5xxx series		95	3,5	3,7	12	0							12		
(771) MINDRAY BC 6xxx, 7xx series		95,7	1,8	1,9	30	0							30		
(772) Sysmex XN series		101	1,3	1,3	65	0							65		
(999) another system		96,6	1,9	1,9	6	0							6		
Other					26	0							26		
							4x 702, 1x 716, 2x 718, 4x 741, 1x 743, 3x 749, 1x 763, 3x 765, 4x 766, 3x 773								
(156) RDW	[%]				136								133	133	100
Sample A		15,4	0,36	2,4	136								133	133	100
(63) Sysmex; (772) Sysmex XN series		15,4	0,23	1,5	65	0	CVPG	15,4	0,075	10%	13,8	17	65		
(177) Mindray; (768) MINDRAY BC 5xxx series		15,3	0,57	3,7	11	0	CVPG	15,5	0,13	10%	13,9	17,1	11		
(177) Mindray; (771) MINDRAY BC 6xxx, 7xx series		15,5	0,3	2	27	0	CVPG	15,5	0,13	10%	13,9	17,1	27		
(179) Siemens; (737) Siemens Advia 120, 2120, 2120i		14,7	0,44	3	5	0	CVPG	14,7	1,3	10%	13,2	16,2	5		
Other					28	0							25		
							4x 1/702, 1x 1/763, 3x 1/765, 2x 12/718, 3x 12/773, 3x 63/749, 4x 63/755, 2x 157/741, 2x 177/766, 3x 177/999, 1x 999/999								
Sample B		14,5	0,33	2,3	136								133	133	100
(63) Sysmex; (772) Sysmex XN series		14,5	0,21	1,4	65	0	CVPG	14,5	0,067	10%	13	16	65		
(177) Mindray; (768) MINDRAY BC 5xxx series		14,4	0,5	3,5	11	0	CVPG	14,6	0,13	10%	13,1	16,1	11		
(177) Mindray; (771) MINDRAY BC 6xxx, 7xx series		14,7	0,26	1,8	27	0	CVPG	14,6	0,13	10%	13,1	16,1	27		
(179) Siemens; (737) Siemens Advia 120, 2120, 2120i		14	0,3	2,1	5	0	CVPG	14	0,84	10%	12,6	15,4	5		
Other					28	0							25		
							4x 1/702, 1x 1/763, 3x 1/765, 2x 12/718, 3x 12/773, 3x 63/749, 4x 63/755, 2x 157/741, 2x 177/766, 3x 177/999, 1x 999/999								
(155) Platelets	[·10⁹/L]				157								157	150	96
Sample A		225	11	4,8	157		CVP	225	2,1	18%	184	266	157	151	96
(737) Siemens Advia 120, 2120, 2120i		182	32	18	5	0							5		
(741) Nihon Kohden Celltac Alfa		241	19	7,7	9	0							9		
(755) Sysmex KX, XP, XQ series		219	11	5,1	7	0							7		
(766) MINDRAY BC 2xxx, 3xxx series		218	3	1,4	5	0							5		

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Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability					N _{eva}	N _{suc}	S _{rel} [%]	
							AV	U _{AV}	D _{max}	LL	UL				
(768) MINDRAY BC 5xxx series		225	11	5	11	0							11		
(771) MINDRAY BC 6xxx, 7xx series		226	11	4,9	30	0							30		
(772) Sysmex XN series		226	6,5	2,9	65	0							65		
(999) another system		231	4,9	2,1	6	0							6		
Other					19	0							19		
							4x 702, 1x 716, 2x 718, 1x 743, 1x 744, 3x 749, 1x 763, 3x 765, 3x 773								
Sample B		205	9,7	4,7	157		CVP	205	1,9	18%	168	242	157	153	97
(737) Siemens Advia 120, 2120, 2120i		181	20	11	5	0							5		
(741) Nihon Kohden Celltac Alfa		206	11	5,4	9	0							9		
(755) Sysmex KX, XP, XQ series		200	16	7,8	7	0							7		
(766) MINDRAY BC 2xxx, 3xxx series		205	2,2	1,1	5	0							5		
(768) MINDRAY BC 5xxx series		203	15	7,5	11	0							11		
(771) MINDRAY BC 6xxx, 7xx series		206	8,9	4,3	30	0							30		
(772) Sysmex XN series		205	6,3	3,1	65	0							65		
(999) another system		213	5,8	2,7	6	0							6		
Other					19	0							19		
							4x 702, 1x 716, 2x 718, 1x 743, 1x 744, 3x 749, 1x 763, 3x 765, 3x 773								
(157) MPV	[fL]				137								131	130	99
Sample A		11	0,77	7	137								131	130	99
(63) Sysmex; (755) Sysmex KX, XP, XQ series		11,2	0,74	6,6	7	0	CVPG	11	0,13	18%	9,02	13	7		
(63) Sysmex; (772) Sysmex XN series		10,9	0,41	3,8	64	0	CVPG	11	0,13	18%	9,02	13	64		
(177) Mindray; (768) MINDRAY BC 5xxx series		10,6	0,93	8,8	12	0	CVPG	11,2	0,31	18%	9,18	13,3	12		
(177) Mindray; (771) MINDRAY BC 6xxx, 7xx series		11,5	0,62	5,4	28	0	CVPG	11,2	0,31	18%	9,18	13,3	28		
Other					26	0							20		
							4x 1/702, 1x 1/763, 2x 1/765, 2x 12/718, 3x 12/773, 3x 63/749, 1x 157/741, 2x 177/766, 3x 177/999, 4x 179/737, 1x 999/999								
Sample B		10,7	0,64	6	137								131	130	99
(63) Sysmex; (755) Sysmex KX, XP, XQ series		10,9	0,82	7,5	7	0	CVPG	10,7	0,11	18%	8,77	12,7	7		
(63) Sysmex; (772) Sysmex XN series		10,7	0,36	3,4	64	0	CVPG	10,7	0,11	18%	8,77	12,7	64		
(177) Mindray; (768) MINDRAY BC 5xxx series		10,1	0,77	7,6	12	0	CVPG	10,7	0,27	18%	8,77	12,7	12		
(177) Mindray; (771) MINDRAY BC 6xxx, 7xx series		11	0,49	4,4	28	0	CVPG	10,7	0,27	18%	8,77	12,7	28		
Other					26	0							20		
							4x 1/702, 1x 1/763, 2x 1/765, 2x 12/718, 3x 12/773, 3x 63/749, 1x 157/741, 2x 177/766, 3x 177/999, 4x 179/737, 1x 999/999								
(129) Immature platelet fraction	[%]				23								23	18	78
Sample A		5,72	2,6	46	23								23	18	78
(63) Sysmex; (772) Sysmex XN series		7,19	2,4	33	14	0	CVPG	7,19	1,5	40%	4,31	10,1	14		
(177) Mindray; (771) MINDRAY BC 6xxx, 7xx series		4,55	3,2	70	7	0	CVPG	3,1	1,1	40%	1,86	4,34	7		
Other					2	0							2		
							2x 177/999								
Sample B		7,37	3,2	43	23								23	18	78
(63) Sysmex; (772) Sysmex XN series		8,96	2,1	24	14	0	CVPG	8,96	1,4	40%	5,37	12,6	14		
(177) Mindray; (771) MINDRAY BC 6xxx, 7xx series		5,75	3,3	58	7	0	CVPG	4,05	1	40%	2,43	5,67	7		
Other					2	0							2		
							2x 177/999								
(158) PDW [%]	[%]				4								0		
Sample A													0		
Other					4	0							0		
							1x 157/741, 1x 176/771, 2x 179/737								
Sample B													0		
Other					4	0							0		
							1x 157/741, 1x 176/771, 2x 179/737								
(165) PDW [fL]	[fL]				71								71	59	83
Sample A		13,2	1,2	9,1	71		CVP	13,2	0,35	15%	11,2	15,2	71	62	87
(755) Sysmex KX, XP, XQ series		14,6	0,89	6,1	6	0							6		
(772) Sysmex XN series		13,1	0,98	7,5	61	0							61		
Other					4	0							4		
							3x 749, 1x 999								
Sample B		12,1	1,2	9,9	71		CVP	12,1	0,35	15%	10,2	14	71	63	89
(755) Sysmex KX, XP, XQ series		13,2	0,74	5,6	6	0							6		
(772) Sysmex XN series		12	1,1	9,4	61	0							61		
Other					4	0							4		
							3x 749, 1x 999								
(166) PDW [-]	[-]				38								38	38	100
Sample A		16,3	0,19	1,2	38		CVP	16,3	0,075	15%	13,8	18,8	38	38	100
(768) MINDRAY BC 5xxx series		16,5	0,37	2,3	8	0							8		
(771) MINDRAY BC 6xxx, 7xx series		16,3	0,13	0,79	24	0							24		
Other					6	0							6		
							3x 766, 3x 999								
Sample B		16,4	0,23	1,4	38		CVP	16,4	0,09	15%	13,9	18,9	38	38	100
(768) MINDRAY BC 5xxx series		16,5	0,44	2,7	8	0							8		

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							AV	U _{AV}	D _{max}	LL	UL				
(771) MINDRAY BC 6xxx, 7xx series		16,4	0,18	1,1	24	0						24			
Other					6	0						6			
							3x 766, 3x 999								
(160) Neutrophiles	[·10⁹/L]				124							122	122	100	
Sample A		2,1	0,11	5,3	124							122	122	100	
(737) Siemens Advia 120, 2120, 2120i		2	0,16	8,2	5	0	CVP	2,11	0,024	25%	1,58	2,64	5		
(768) MINDRAY BC 5xxx series		1,93	0,39	20	8	0	CVP	2,11	0,024	25%	1,58	2,64	8		
(771) MINDRAY BC 6xxx, 7xx series		2,18	0,078	3,6	29	0	CVP	2,11	0,024	25%	1,58	2,64	29		
(772) Sysmex XN series		2,09	0,076	3,6	63	0	CVP	2,11	0,024	25%	1,58	2,64	63		
(999) another system		2,21	0,021	0,94	5	0	CVP	2,11	0,024	25%	1,58	2,64	5		
Other					14	0						12			
							1x 716, 2x 718, 1x 743, 3x 749, 1x 763, 2x 765, 1x 766, 3x 773								
Sample B		2,35	0,11	4,6	124							122	122	100	
(737) Siemens Advia 120, 2120, 2120i		2,29	0,082	3,6	5	0	CVP	2,35	0,023	25%	1,76	2,94	5		
(768) MINDRAY BC 5xxx series		2,13	0,21	9,7	8	0	CVP	2,35	0,023	25%	1,76	2,94	8		
(771) MINDRAY BC 6xxx, 7xx series		2,42	0,068	2,8	29	0	CVP	2,35	0,023	25%	1,76	2,94	29		
(772) Sysmex XN series		2,35	0,073	3,1	63	0	CVP	2,35	0,023	25%	1,76	2,94	63		
(999) another system		2,43	0,053	2,2	5	0	CVP	2,35	0,023	25%	1,76	2,94	5		
Other					14	0						12			
							1x 716, 2x 718, 1x 743, 3x 749, 1x 763, 2x 765, 1x 766, 3x 773								
(161) Lymphocytes	[·10⁹/L]				125							123	121	98	
Sample A		2,6	0,11	4,2	125							123	122	99	
(737) Siemens Advia 120, 2120, 2120i		2,34	0,067	2,9	5	0	CVP	2,6	0,023	25%	1,95	3,25	5		
(768) MINDRAY BC 5xxx series		2,75	0,38	14	8	0	CVP	2,6	0,023	25%	1,95	3,25	8		
(771) MINDRAY BC 6xxx, 7xx series		2,62	0,087	3,3	29	0	CVP	2,6	0,023	25%	1,95	3,25	29		
(772) Sysmex XN series		2,59	0,071	2,7	63	0	CVP	2,6	0,023	25%	1,95	3,25	63		
(999) another system		2,76	0,03	1,1	5	0	CVP	2,6	0,023	25%	1,95	3,25	5		
Other					15	0						13			
							1x 716, 2x 718, 1x 743, 3x 749, 1x 755, 1x 763, 2x 765, 1x 766, 3x 773								
Sample B		2,11	0,093	4,4	125							123	122	99	
(737) Siemens Advia 120, 2120, 2120i		1,9	0,096	5,1	5	0	CVP	2,11	0,02	25%	1,58	2,64	5		
(768) MINDRAY BC 5xxx series		2,23	0,24	11	8	0	CVP	2,11	0,02	25%	1,58	2,64	8		
(771) MINDRAY BC 6xxx, 7xx series		2,13	0,066	3,1	29	0	CVP	2,11	0,02	25%	1,58	2,64	29		
(772) Sysmex XN series		2,1	0,079	3,8	63	0	CVP	2,11	0,02	25%	1,58	2,64	63		
(999) another system		2,14	0,052	2,4	5	0	CVP	2,11	0,02	25%	1,58	2,64	5		
Other					15	1						13			
							1x 716, 2x 718, 1x 743, 3x 749, 1x 755, 1x 763, 2x 765, 1x 766, 3x 773								
(162) Monocytes	[·10⁹/L]				124							124	116	94	
Sample A		0,363	0,099	27	124		CVP	0,363	0,022	50%	0,181	0,545	124	116	94
(737) Siemens Advia 120, 2120, 2120i		0,45	0,03	6,6	5	0						5			
(768) MINDRAY BC 5xxx series		0,3	0,15	49	8	0						8			
(771) MINDRAY BC 6xxx, 7xx series		0,259	0,054	21	29	0						29			
(772) Sysmex XN series		0,426	0,036	8,4	63	0						63			
(999) another system		0,23	0,1	45	5	0						5			
Other					14	0						14			
							1x 716, 2x 718, 1x 743, 3x 749, 1x 763, 2x 765, 1x 766, 3x 773								
Sample B		0,36	0,083	23	124		CVP	0,36	0,018	50%	0,18	0,54	124	121	98
(737) Siemens Advia 120, 2120, 2120i		0,32	0	0	5	0						5			
(768) MINDRAY BC 5xxx series		0,3	0,15	49	8	0						8			
(771) MINDRAY BC 6xxx, 7xx series		0,292	0,042	14	29	0						29			
(772) Sysmex XN series		0,417	0,04	9,7	63	0						63			
(999) another system		0,27	0	0	5	0						5			
Other					14	0						14			
							1x 716, 2x 718, 1x 743, 3x 749, 1x 763, 2x 765, 1x 766, 3x 773								
(163) Eosinophils	[·10⁹/L]				124							124	110	89	
Sample A		0,134	0,018	14	124		CVP	0,134	0,004	50%	0,067	0,201	124	122	98
(737) Siemens Advia 120, 2120, 2120i		0,11	0,015	13	5	0						5			
(768) MINDRAY BC 5xxx series		0,13	0,074	57	8	0						8			
(771) MINDRAY BC 6xxx, 7xx series		0,133	0,017	13	29	0						29			
(772) Sysmex XN series		0,135	0,014	11	63	0						63			
(999) another system		0,132	0,013	9,6	5	0						5			
Other					14	0						14			
							1x 716, 2x 718, 1x 743, 3x 749, 1x 763, 2x 765, 1x 766, 3x 773								
Sample B		0,06	0,014	24	124		CVP	0,06	0,003	50%	0,03	0,09	124	110	89
(737) Siemens Advia 120, 2120, 2120i		0,05	0,015	30	5	0						5			
(768) MINDRAY BC 5xxx series		0,07	0,059	85	8	0						8			
(771) MINDRAY BC 6xxx, 7xx series		0,066	0,021	31	29	0						29			
(772) Sysmex XN series		0,057	0,01	17	63	0						63			
(999) another system		0,055	0,007	13	5	0						5			

EQA round: KO4/24 - Blood Count

Deadline: 21.6.2024

Setup: groups - S (measuring system); minimal size of the groups n = 5

Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability					N _{eva}	N _{suc}	S _{rel} [%]	
							AV	U _{AV}	D _{max}	LL	UL				
Other					14	0							14		
							1x 716, 2x 718, 1x 743, 3x 749, 1x 763, 2x 765, 1x 766, 3x 773								
(164) Basophiles	[·10⁹/L]				124								124	123	99
Sample A		0,042	0,019	46	124		CVP	0,042	0,004	asym.	0	0,157	124	124	100
(737) Siemens Advia 120, 2120, 2120i		0,075	0,007	9,9	5	0							5		
(768) MINDRAY BC 5xxx series		0,02	0,015	74	8	0							8		
(771) MINDRAY BC 6xxx, 7xx series		0,036	0,027	75	29	0							29		
(772) Sysmex XN series		0,045	0,011	24	63	0							63		
(999) another system		0,03	0,015	49	5	0							5		
Other					14	0							14		
							1x 716, 2x 718, 1x 743, 3x 749, 1x 763, 2x 765, 1x 766, 3x 773								
Sample B		0,022	0,014	61	124		CVP	0,022	0,003	asym.	0	0,147	124	123	99
(737) Siemens Advia 120, 2120, 2120i		0,025	0,007	30	5	0							5		
(768) MINDRAY BC 5xxx series		0,005	0,007	150	8	0							8		
(771) MINDRAY BC 6xxx, 7xx series		0,015	0,014	95	29	0							29		
(772) Sysmex XN series		0,027	0,009	31	63	0							63		
(999) another system		0,015	0,007	49	5	0							5		
Other					14	0							14		
							1x 716, 2x 718, 1x 743, 3x 749, 1x 763, 2x 765, 1x 766, 3x 773								