

EQA round: KO4/23 - Blood Count

Deadline: 23.6.2023

Setup: groups - 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]				159							159	154	97		
Sample A		9,46	0,37	3,9	159		CVP	9,46	0,071	15%	8,04	10,9	159	154	97	
(702) Abbott CELL-DYN Emerald		9,05	0,22	2,5	8	0							8			
(741) Nihon Kohden Celltac Alfa		9,28	0,33	3,6	8	0							8			
(755) Sysmex KX series		8,9	0,89	10	7	0							7			
(766) MINDRAY BC 2xxx, 3xxx series		9,05	0,82	9	8	0							8			
(768) MINDRAY BC 5xxx series		9,27	0,68	7,4	11	0							11			
(771) MINDRAY BC 6xxx series		9,44	0,3	3,1	24	0							24			
(772) Sysmex XN series		9,68	0,19	2	67	0							67			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		8,85	0,52	5,9	8	0							8			
(999) another system		9,68	0,18	1,8	5	0							5			
Other					13	0							13			
								1x 703, 1x 716, 1x 718, 2x 737, 1x 744, 4x 749, 1x 763, 2x 765								
Sample B		6,82	0,27	4	159		CVP	6,82	0,053	15%	5,79	7,85	159	156	98	
(702) Abbott CELL-DYN Emerald		6,75	0,22	3,3	8	0							8			
(741) Nihon Kohden Celltac Alfa		6,76	0,21	3,1	8	0							8			
(755) Sysmex KX series		6,6	0,44	6,7	7	0							7			
(766) MINDRAY BC 2xxx, 3xxx series		6,35	0,52	8,2	8	0							8			
(768) MINDRAY BC 5xxx series		6,71	0,52	7,7	11	0							11			
(771) MINDRAY BC 6xxx series		6,77	0,2	3	24	0							24			
(772) Sysmex XN series		6,96	0,17	2,4	67	0							67			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		6,45	0,52	8	8	0							8			
(999) another system		6,93	0,19	2,8	5	0							5			
Other					13	0							13			
								1x 703, 1x 716, 1x 718, 2x 737, 1x 744, 4x 749, 1x 763, 2x 765								
(151) RBC	[·10 ¹² /L]				159							159	158	99		
Sample A		3,48	0,075	2,2	159		CVP	3,48	0,015	7%	3,23	3,73	159	158	99	
(702) Abbott CELL-DYN Emerald		3,43	0,14	4,1	8	0							8			
(741) Nihon Kohden Celltac Alfa		3,58	0,059	1,7	8	0							8			
(755) Sysmex KX series		3,52	0,037	1,1	7	0							7			
(766) MINDRAY BC 2xxx, 3xxx series		3,41	0,082	2,4	8	0							8			
(768) MINDRAY BC 5xxx series		3,45	0,11	3,2	11	0							11			
(771) MINDRAY BC 6xxx series		3,52	0,079	2,2	24	0							24			
(772) Sysmex XN series		3,45	0,045	1,3	67	0							67			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		3,49	0,074	2,1	8	0							8			
(999) another system		3,55	0,037	1	5	0							5			
Other					13	0							13			
								1x 703, 1x 716, 1x 718, 2x 737, 1x 744, 4x 749, 1x 763, 2x 765								
Sample B		3,56	0,064	1,8	159		CVP	3,56	0,012	7%	3,31	3,81	159	159	100	
(702) Abbott CELL-DYN Emerald		3,48	0,14	4,1	8	0							8			
(741) Nihon Kohden Celltac Alfa		3,65	0,074	2	8	0							8			
(755) Sysmex KX series		3,58	0,059	1,7	7	0							7			
(766) MINDRAY BC 2xxx, 3xxx series		3,5	0,067	1,9	8	0							8			
(768) MINDRAY BC 5xxx series		3,54	0,052	1,5	11	0							11			
(771) MINDRAY BC 6xxx series		3,62	0,084	2,3	24	0							24			
(772) Sysmex XN series		3,54	0,045	1,3	67	0							67			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		3,58	0,082	2,3	8	0							8			
(999) another system		3,58	0,037	1	5	0							5			
Other					13	0							13			
								1x 703, 1x 716, 1x 718, 2x 737, 1x 744, 4x 749, 1x 763, 2x 765								
(152) Haemoglobin	[g/L]				165							165	165	100		
Sample A		121	2,3	1,9	165		CVP	121	0,45	6%	113	129	165	165	100	
(702) Abbott CELL-DYN Emerald		126	2,2	1,8	8	0							8			
(741) Nihon Kohden Celltac Alfa		123	4,4	3,6	8	0							8			
(755) Sysmex KX series		121	1,5	1,2	7	0							7			
(766) MINDRAY BC 2xxx, 3xxx series		120	1,5	1,2	8	0							8			
(768) MINDRAY BC 5xxx series		121	3,3	2,7	11	0							11			
(771) MINDRAY BC 6xxx series		121	1,4	1,2	24	0							24			
(772) Sysmex XN series		120	1,7	1,4	67	0							67			

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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					
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		122	0,74	0,61	8	0								8		
(999) another system		123	2,7	2,2	11	0								11		
Other					13	0								13		
							1x 703, 1x 716, 1x 718, 2x 737, 1x 744, 4x 749, 1x 763, 2x 765									
Sample B		122	2	1,6	165		CVP	122	0,38	6%	114	130	165	165	100	
(702) Abbott CELL-DYN Emerald		124	4,4	3,6	8	0								8		
(741) Nihon Kohden Celltac Alfa		123	2,2	1,8	8	0								8		
(755) Sysmex KX series		123	0,74	0,61	7	0								7		
(766) MINDRAY BC 2xxx, 3xxx series		121	3	2,5	8	0								8		
(768) MINDRAY BC 5xxx series		123	3,4	2,7	11	0								11		
(771) MINDRAY BC 6xxx series		123	1	0,82	24	0								24		
(772) Sysmex XN series		122	1,6	1,3	67	0								67		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		123	0,74	0,61	8	0								8		
(999) another system		124	3,2	2,6	11	0								11		
Other					13	0								13		
							1x 703, 1x 716, 1x 718, 2x 737, 1x 744, 4x 749, 1x 763, 2x 765									
(153) HCT	[-]				152								152	149	98	
Sample A		0,391	0,014	3,5	152		CVP	0,391	0,003	10%	0,351	0,431	152	150	99	
(702) Abbott CELL-DYN Emerald		0,381	0,036	9,5	8	0								8		
(755) Sysmex KX series		0,39	0,007	1,7	7	0								7		
(766) MINDRAY BC 2xxx, 3xxx series		0,369	0,012	3,2	8	0								8		
(768) MINDRAY BC 5xxx series		0,383	0,016	4,3	11	0								11		
(771) MINDRAY BC 6xxx series		0,397	0,014	3,6	24	0								24		
(772) Sysmex XN series		0,396	0,008	1,9	66	0								66		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,386	0,015	3,8	8	0								8		
(999) another system		0,398	0,012	3	5	0								5		
Other					15	0								15		
							1x 703, 1x 716, 1x 718, 2x 737, 3x 741, 4x 749, 1x 763, 2x 765									
Sample B		0,398	0,013	3,1	152		CVP	0,398	0,003	10%	0,358	0,438	152	150	99	
(702) Abbott CELL-DYN Emerald		0,385	0,038	9,8	8	0								8		
(755) Sysmex KX series		0,395	0,002	0,56	7	0								7		
(766) MINDRAY BC 2xxx, 3xxx series		0,37	0,016	4,4	8	0								8		
(768) MINDRAY BC 5xxx series		0,386	0,011	2,8	11	0								11		
(771) MINDRAY BC 6xxx series		0,404	0,012	2,9	24	0								24		
(772) Sysmex XN series		0,403	0,007	1,8	66	0								66		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,392	0,015	3,8	8	0								8		
(999) another system		0,398	0,005	1,3	5	0								5		
Other					15	0								15		
							1x 703, 1x 716, 1x 718, 2x 737, 3x 741, 4x 749, 1x 763, 2x 765									
(154) MCV	[fL]				153								153	151	99	
Sample A		113	3,3	2,9	153		CVP	113	0,65	10%	101	125	153	151	99	
(702) Abbott CELL-DYN Emerald		111	5,6	5,1	8	0								8		
(755) Sysmex KX series		111	1,1	1	7	0								7		
(766) MINDRAY BC 2xxx, 3xxx series		108	4,3	4	8	0								8		
(768) MINDRAY BC 5xxx series		110	3,4	3,1	11	0								11		
(771) MINDRAY BC 6xxx series		113	2	1,8	24	0								24		
(772) Sysmex XN series		115	1,9	1,7	67	0								67		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		111	3,5	3,1	8	0								8		
(999) another system		112	1,1	1	5	0								5		
Other					15	0								15		
							1x 703, 1x 716, 1x 718, 2x 737, 3x 741, 4x 749, 1x 763, 2x 765									
Sample B		112	3,6	3,2	153		CVP	112	0,71	10%	100	124	153	151	99	
(702) Abbott CELL-DYN Emerald		111	6,5	5,9	8	0								8		
(755) Sysmex KX series		110	2,6	2,4	7	0								7		
(766) MINDRAY BC 2xxx, 3xxx series		106	3	2,8	8	0								8		
(768) MINDRAY BC 5xxx series		109	3,1	2,9	11	0								11		
(771) MINDRAY BC 6xxx series		112	2,2	1,9	24	0								24		
(772) Sysmex XN series		114	1,9	1,6	67	0								67		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		110	4,1	3,7	8	0								8		
(999) another system		111	1,3	1,2	5	0								5		
Other					15	0								15		
							1x 703, 1x 716, 1x 718, 2x 737, 3x 741, 4x 749, 1x 763, 2x 765									

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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					
(155) Platelets	[·10 ⁹ /L]				159							159	156	98		
Sample A		227	11	4,7	159		CVP	227	2	18%	186	268	159	156	98	
(702) Abbott CELL-DYN Emerald		234	37	16	8	0							8			
(741) Nihon Kohden Celltac Alfa		229	16	6,8	8	0							8			
(755) Sysmex KX series		231	14	6,1	7	0							7			
(766) MINDRAY BC 2xxx, 3xxx series		229	5,9	2,6	9	0							9			
(768) MINDRAY BC 5xxx series		235	20	8,6	10	0							10			
(771) MINDRAY BC 6xxx series		236	9,8	4,1	24	0							24			
(772) Sysmex XN series		224	6,4	2,9	67	0							67			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		221	13	6	8	0							8			
(999) another system		233	20	8,6	5	0							5			
Other					13	0							13			
								1x 703, 1x 716, 1x 718, 2x 737, 1x 744, 4x 749, 1x 763, 2x 765								
Sample B		243	12	4,8	159		CVP	243	2,3	18%	199	287	159	157	99	
(702) Abbott CELL-DYN Emerald		244	49	20	8	0							8			
(741) Nihon Kohden Celltac Alfa		236	14	6	8	0							8			
(755) Sysmex KX series		247	19	7,8	7	0							7			
(766) MINDRAY BC 2xxx, 3xxx series		247	4,4	1,8	9	0							9			
(768) MINDRAY BC 5xxx series		249	18	7,3	10	0							10			
(771) MINDRAY BC 6xxx series		250	10	4	24	0							24			
(772) Sysmex XN series		240	8	3,3	67	0							67			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		239	13	5,6	8	0							8			
(999) another system		257	14	5,5	5	0							5			
Other					13	0							13			
								1x 703, 1x 716, 1x 718, 2x 737, 1x 744, 4x 749, 1x 763, 2x 765								
(156) RDW	[%]				141							135	130	96		
Sample A		14,4	0,63	4,3	141							135	131	97		
(1) Abbott; (702) Abbott CELL-DYN Emerald		12,4	1,3	11	8	0	CVPG	12,8	0,89	10%	11,5	14,1	8			
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		16,2	0,96	6	8	0	CVPG	16	0,92	10%	14,4	17,6	8			
(63) Sysmex; (772) Sysmex XN series		14,3	0,22	1,5	67	0	CVPG	14,3	0,072	10%	12,8	15,8	67			
(177) Mindray; (766) MINDRAY BC 2xxx, 3xxx series		14,3	1,2	8,3	6	0	CVPG	14,8	0,22	10%	13,3	16,3	6			
(177) Mindray; (768) MINDRAY BC 5xxx series		14,8	0,84	5,7	10	0	CVPG	14,8	0,22	10%	13,3	16,3	10			
(177) Mindray; (771) MINDRAY BC 6xxx series		14,9	0,45	3	22	0	CVPG	14,8	0,22	10%	13,3	16,3	22			
Other					20	0							14			
								1x 1/763, 2x 1/765, 1x 12/718, 4x 63/749, 3x 63/755, 2x 157/741, 1x 175/768, 3x 177/999, 1x 179/703, 2x 179/737								
Sample B		13,4	0,67	5	141							135	132	98		
(1) Abbott; (702) Abbott CELL-DYN Emerald		12,3	1,7	14	8	0	CVPG	12,3	0,75	10%	11	13,6	8			
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		15,2	1,1	7,3	8	0	CVPG	14,9	0,92	10%	13,4	16,4	8			
(63) Sysmex; (772) Sysmex XN series		13,2	0,17	1,3	67	0	CVPG	13,2	0,058	10%	11,8	14,6	67			
(177) Mindray; (766) MINDRAY BC 2xxx, 3xxx series		13,7	1,3	9,7	6	0	CVPG	14	0,17	10%	12,6	15,4	6			
(177) Mindray; (768) MINDRAY BC 5xxx series		13,9	0,68	4,9	10	0	CVPG	14	0,17	10%	12,6	15,4	10			
(177) Mindray; (771) MINDRAY BC 6xxx series		14	0,33	2,4	22	0	CVPG	14	0,17	10%	12,6	15,4	22			
Other					20	0							14			
								1x 1/763, 2x 1/765, 1x 12/718, 4x 63/749, 3x 63/755, 2x 157/741, 1x 175/768, 3x 177/999, 1x 179/703, 2x 179/737								
(157) MPV	[fL]				141							136	131	96		
Sample A		9,54	0,86	9	141							136	131	96		
(1) Abbott; (702) Abbott CELL-DYN Emerald		8,4	0,74	8,8	7	0	CVPG	7,85	0,79	18%	6,43	9,27	7			
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		8	0,74	9,3	8	0	CVPG	7,95	0,82	18%	6,51	9,39	8			
(63) Sysmex; (755) Sysmex KX series		10,4	0,37	3,6	5	0	CVPG	9,75	0,092	18%	7,99	11,6	5			
(63) Sysmex; (772) Sysmex XN series		9,72	0,29	3	67	0	CVPG	9,75	0,092	18%	7,99	11,6	67			
(177) Mindray; (766) MINDRAY BC 2xxx, 3xxx series		8,5	0,59	7	6	0	CVPG	9,73	0,45	18%	7,97	11,5	6			
(177) Mindray; (768) MINDRAY BC 5xxx series		9,54	1,3	13	10	0	CVPG	9,73	0,45	18%	7,97	11,5	10			
(177) Mindray; (771) MINDRAY BC 6xxx series		10,2	0,97	9,6	22	0	CVPG	9,73	0,45	18%	7,97	11,5	22			
Other					16	0							11			
								1x 1/763, 2x 1/765, 1x 12/718, 4x 63/749, 1x 157/741, 1x 175/768, 3x 177/999, 1x 179/703, 2x 179/737								
Sample B		9,32	0,81	8,7	141							136	134	99		
(1) Abbott; (702) Abbott CELL-DYN Emerald		8,05	0,96	12	7	0	CVPG	7,6	0,75	18%	6,23	8,97	7			

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							AV	U _{AV}	D _{max}	LL	UL				
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		8	0,74	9,3	8	0	CVPG	7,8	0,55	18%	6,39	9,21	8		
(63) Sysmex; (755) Sysmex KX series		10	0,15	1,5	5	0	CVPG	9,55	0,1	18%	7,83	11,3	5		
(63) Sysmex; (772) Sysmex XN series		9,53	0,32	3,4	67	0	CVPG	9,55	0,1	18%	7,83	11,3	67		
(177) Mindray; (766) MINDRAY BC 2xxx, 3xxx series		8,35	0,67	8	6	0	CVPG	9,41	0,4	18%	7,71	11,2	6		
(177) Mindray; (768) MINDRAY BC 5xxx series		9,21	0,98	11	10	0	CVPG	9,41	0,4	18%	7,71	11,2	10		
(177) Mindray; (771) MINDRAY BC 6xxx series		9,8	0,82	8,4	22	0	CVPG	9,41	0,4	18%	7,71	11,2	22		
Other					16	0							11		
															1x 1/763, 2x 1/765, 1x 12/718, 4x 63/749, 1x 157/741, 1x 175/768, 3x 177/999, 1x 179/703, 2x 179/737
(158) PDW [%]	[%]				9								6	6	100
Sample A		17,3	1,4	7,9	9								6	6	100
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		16,4	0,15	0,9	6	0	CVPG	16,4	0,21	15%	13,9	18,9	6		
Other					3	0							0		
															1x 157/741, 1x 179/703, 1x 179/737
Sample B		17,4	1,6	9	9								6	6	100
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		16,5	0,42	2,6	6	0	CVPG	16,5	0,59	15%	14	19	6		
Other					3	0							0		
															1x 157/741, 1x 179/703, 1x 179/737
(165) PDW [fL]	[fL]				75								75	66	88
Sample A		10,4	0,79	7,6	75								75	69	92
(63) Sysmex; (755) Sysmex KX series		12,1	0,52	4,3	5	0	CVPG	10,4	0,22	15%	8,84	12	5		
(63) Sysmex; (772) Sysmex XN series		10,3	0,67	6,5	66	0	CVPG	10,4	0,22	15%	8,84	12	66		
Other					4	0							4		
															4x 63/749
Sample B		9,96	0,8	8	75								75	68	91
(63) Sysmex; (755) Sysmex KX series		11,7	1,1	9,5	5	0	CVPG	9,96	0,23	15%	8,46	11,5	5		
(63) Sysmex; (772) Sysmex XN series		9,86	0,68	6,9	66	0	CVPG	9,96	0,23	15%	8,46	11,5	66		
Other					4	0							4		
															4x 63/749
(166) PDW [-]	[-]				44								39	39	100
Sample A		15,7	0,4	2,5	44								39	39	100
(177) Mindray; (766) MINDRAY BC 2xxx, 3xxx series		15,3	0,3	1,9	7	0	CVPG	15,7	0,11	15%	13,3	18,1	7		
(177) Mindray; (768) MINDRAY BC 5xxx series		16,1	0,3	1,8	7	0	CVPG	15,7	0,11	15%	13,3	18,1	7		
(177) Mindray; (771) MINDRAY BC 6xxx series		15,7	0,18	1,2	22	0	CVPG	15,7	0,11	15%	13,3	18,1	22		
Other					8	0							3		
															1x 1/702, 1x 1/763, 2x 1/765, 1x 12/718, 3x 177/999
Sample B		15,7	0,31	2	44								39	39	100
(177) Mindray; (766) MINDRAY BC 2xxx, 3xxx series		15,3	0,15	0,97	7	0	CVPG	15,7	0,095	15%	13,3	18,1	7		
(177) Mindray; (768) MINDRAY BC 5xxx series		16	0,22	1,4	7	0	CVPG	15,7	0,095	15%	13,3	18,1	7		
(177) Mindray; (771) MINDRAY BC 6xxx series		15,8	0,15	0,93	22	0	CVPG	15,7	0,095	15%	13,3	18,1	22		
Other					8	0							3		
															1x 1/702, 1x 1/763, 2x 1/765, 1x 12/718, 3x 177/999
(160) Neutrophiles	[·10 ⁹ /L]				122								122	116	95
Sample A		6,85	0,23	3,4	122		CVP	6,85	0,052	25%	5,13	8,57	122	117	96
(768) MINDRAY BC 5xxx series		5,16	2,5	48	8	0							8		
(771) MINDRAY BC 6xxx series		7,05	0,19	2,8	24	0							24		
(772) Sysmex XN series		6,87	0,15	2,2	66	0							66		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		6,58	0,39	6	8	0							8		
Other					16	0							16		
															1x 702, 1x 703, 1x 716, 1x 718, 2x 737, 3x 749, 1x 763, 2x 765, 4x 999
Sample B		4,08	0,15	3,7	122		CVP	4,08	0,033	25%	3,06	5,1	122	117	96
(768) MINDRAY BC 5xxx series		3,21	1,3	42	8	0							8		
(771) MINDRAY BC 6xxx series		4,23	0,14	3,2	24	0							24		
(772) Sysmex XN series		4,07	0,12	2,9	66	0							66		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		4,05	0,16	4	8	0							8		
Other					16	0							16		
															1x 702, 1x 703, 1x 716, 1x 718, 2x 737, 3x 749, 1x 763, 2x 765, 4x 999
(161) Lymphocytes	[·10 ⁹ /L]				122								122	114	93
Sample A		2,08	0,12	5,9	122		CVP	2,08	0,027	25%	1,56	2,6	122	114	93
(768) MINDRAY BC 5xxx series		2,44	0,22	9,1	8	1							8		
(771) MINDRAY BC 6xxx series		2,17	0,15	6,7	24	0							24		
(772) Sysmex XN series		2,04	0,05	2,5	66	0							66		

EQA round: KO4/23 - Blood Count

Deadline: 23.6.2023

Setup: groups - 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					
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		1,86	0,1	5,5	8	0								8		
Other					16	0								16		
							1x 702, 1x 703, 1x 716, 1x 718, 2x 737, 3x 749, 1x 763, 2x 765, 4x 999									
Sample B		2,34	0,12	5,2	122		CVP	2,34	0,027	25%	1,75	2,93		122	117	96
(768) MINDRAY BC 5xxx series		2,53	0,24	9,4	8	1								8		
(771) MINDRAY BC 6xxx series		2,33	0,13	5,8	24	0								24		
(772) Sysmex XN series		2,34	0,078	3,3	66	0								66		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		2,09	0,19	8,9	8	0								8		
Other					16	0								16		
							1x 702, 1x 703, 1x 716, 1x 718, 2x 737, 3x 749, 1x 763, 2x 765, 4x 999									
(162) Monocytes	[·10 ⁹ /L]				122									122	122	100
Sample A		0,448	0,3	68	122		CVP	0,448	0,068	100%	0	0,896		122	122	100
(768) MINDRAY BC 5xxx series		0,26	0,34	130	8	0								8		
(771) MINDRAY BC 6xxx series		0,05	0,053	110	24	0								24		
(772) Sysmex XN series		0,653	0,066	10	66	0								66		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,251	0,33	130	8	0								8		
Other					16	0								16		
							1x 702, 1x 703, 1x 716, 1x 718, 2x 737, 3x 749, 1x 763, 2x 765, 4x 999									
Sample B		0,251	0,16	64	122		CVP	0,251	0,036	100%	0	0,502		122	122	100
(768) MINDRAY BC 5xxx series		0,21	0,28	130	8	0								8		
(771) MINDRAY BC 6xxx series		0,058	0,064	110	24	0								24		
(772) Sysmex XN series		0,356	0,038	11	66	0								66		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,154	0,2	130	8	0								8		
Other					16	0								16		
							1x 702, 1x 703, 1x 716, 1x 718, 2x 737, 3x 749, 1x 763, 2x 765, 4x 999									
(163) Eosinophils	[·10 ⁹ /L]				122									122	113	93
Sample A		0,073	0,019	26	122		CVP	0,073	0,004	50%	0,036	0,11		122	114	93
(768) MINDRAY BC 5xxx series		0,245	0,26	110	8	0								8		
(771) MINDRAY BC 6xxx series		0,068	0,018	26	24	0								24		
(772) Sysmex XN series		0,071	0,016	22	66	0								66		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,082	0,019	24	8	0								8		
Other					16	0								16		
							1x 702, 1x 703, 1x 716, 1x 718, 2x 737, 3x 749, 1x 763, 2x 765, 4x 999									
Sample B		0,147	0,02	14	122		CVP	0,147	0,005	50%	0,073	0,221		122	118	97
(768) MINDRAY BC 5xxx series		0,205	0,067	33	8	0								8		
(771) MINDRAY BC 6xxx series		0,156	0,024	15	24	0								24		
(772) Sysmex XN series		0,146	0,015	9,9	66	0								66		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,137	0,019	14	8	0								8		
Other					16	0								16		
							1x 702, 1x 703, 1x 716, 1x 718, 2x 737, 3x 749, 1x 763, 2x 765, 4x 999									
(164) Basophiles	[·10 ⁹ /L]				122									122	122	100
Sample A		0,034	0,024	72	122		CVP	0,034	0,005	asym.	0	0,284		122	122	100
(768) MINDRAY BC 5xxx series		0,02	0,015	74	8	0								8		
(771) MINDRAY BC 6xxx series		0,016	0,012	75	24	0								24		
(772) Sysmex XN series		0,044	0,02	45	66	0								66		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,018	0,01	55	8	0								8		
Other					16	0								16		
							1x 702, 1x 703, 1x 716, 1x 718, 2x 737, 3x 749, 1x 763, 2x 765, 4x 999									
Sample B		0,032	0,021	66	122		CVP	0,032	0,005	asym.	0	0,205		122	122	100
(768) MINDRAY BC 5xxx series		0,02	0,015	74	8	0								8		
(771) MINDRAY BC 6xxx series		0,014	0,014	100	24	0								24		
(772) Sysmex XN series		0,042	0,015	37	66	0								66		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,025	0,024	95	8	0								8		
Other					16	0								16		
							1x 702, 1x 703, 1x 716, 1x 718, 2x 737, 3x 749, 1x 763, 2x 765, 4x 999									