

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

EQA round: KO2/22 - Blood Count

Deadline: 08.04.2022

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 _{AV} = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]						Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(150) WBC					197							197	190	96%
— Samples and groups	r.10(exp9)/L													
Sample A		4,70	0,19	4,0	197	CVP	4,70	0,033	15%	3,99	5,41	197	193	98%
(702) Abbott CELL-DYN Emerald		4,51	0,32	7,1	12	0						12		
(749) Sysmex XE, XS, XT series		4,79	0,20	4,2	11	0						11		
(755) Sysmex KX series		4,66	0,14	3,1	13	0						13		
(763) Abbott Alinity, CELL-DYN Sapphire		4,74	0,14	3,0	5	0						5		
(765) Abbott CELL-DYN Ruby		4,47	0,25	5,5	18	0						18		
(768) MINDRAY BC 5xxx series		4,72	0,48	10	5	0						5		
(771) MINDRAY BC 6xxx series		4,77	0,12	2,6	16	0						16		
(772) Sysmex XN series		4,79	0,11	2,4	83	0						83		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		4,47	0,096	2,2	12	0						12		
(999) another system		4,70	0,15	3,2	7	0						7		
Other					15	0						15		
							1x 718, 2x 737, 4x 741, 4x 744, 4x 766							
Sample B		7,47	0,33	4,5	197	CVP	7,47	0,058	15%	6,34	8,6	197	192	97%
(702) Abbott CELL-DYN Emerald		7,08	0,52	7,3	12	0						12		
(749) Sysmex XE, XS, XT series		7,71	0,32	4,1	11	0						11		
(755) Sysmex KX series		7,15	0,51	7,1	13	0						13		
(763) Abbott Alinity, CELL-DYN Sapphire		7,53	0,13	1,8	5	0						5		
(765) Abbott CELL-DYN Ruby		7,01	0,39	5,5	18	0						18		
(768) MINDRAY BC 5xxx series		7,38	0,53	7,2	5	0						5		
(771) MINDRAY BC 6xxx series		7,62	0,22	2,9	16	0						16		
(772) Sysmex XN series		7,64	0,17	2,2	83	0						83		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		7,18	0,25	3,5	12	0						12		
(999) another system		7,45	0,22	3,0	7	0						7		
Other					15	0						15		
							1x 718, 2x 737, 4x 741, 4x 744, 4x 766							
(151) RBC					197							197	195	99%
— Samples and groups	r.10(exp12)/L													
Sample A		3,72	0,06	1,6	197	CVP	3,72	0,011	7%	3,45	3,99	197	195	99%
(702) Abbott CELL-DYN Emerald		3,65	0,099	2,7	12	0						12		
(749) Sysmex XE, XS, XT series		3,73	0,058	1,6	11	0						11		
(755) Sysmex KX series		3,71	0,075	2,0	13	0						13		
(763) Abbott Alinity, CELL-DYN Sapphire		3,75	0,052	1,4	5	0						5		
(765) Abbott CELL-DYN Ruby		3,81	0,063	1,6	18	0						18		
(768) MINDRAY BC 5xxx series		3,75	0,13	3,6	5	0						5		
(771) MINDRAY BC 6xxx series		3,70	0,043	1,2	16	0						16		
(772) Sysmex XN series		3,71	0,042	1,1	83	0						83		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		3,72	0,059	1,6	12	0						12		
(999) another system		3,73	0,089	2,4	7	0						7		
Other					15	0						15		
							1x 718, 2x 737, 4x 741, 4x 744, 4x 766							
Sample B		3,43	0,064	1,9	197	CVP	3,43	0,011	7%	3,18	3,68	197	195	99%
(702) Abbott CELL-DYN Emerald		3,32	0,08	2,4	12	0						12		
(749) Sysmex XE, XS, XT series		3,44	0,051	1,5	11	0						11		
(755) Sysmex KX series		3,42	0,064	1,9	13	0						13		
(763) Abbott Alinity, CELL-DYN Sapphire		3,48	0,030	0,85	5	0						5		
(765) Abbott CELL-DYN Ruby		3,53	0,069	1,9	18	0						18		
(768) MINDRAY BC 5xxx series		3,45	0,082	2,4	5	0						5		
(771) MINDRAY BC 6xxx series		3,43	0,053	1,5	16	0						16		
(772) Sysmex XN series		3,42	0,046	1,3	83	0						83		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		3,41	0,042	1,2	12	0						12		
(999) another system		3,45	0,22	6,4	7	0						7		
Other					15	0						15		
							1x 718, 2x 737, 4x 741, 4x 744, 4x 766							
(152) Haemoglobin					197							197	194	98%
— Samples and groups	[g/L]													
Sample A		119	2,1	1,8	197	CVP	119	0,37	6%	111	127	197	195	99%
(702) Abbott CELL-DYN Emerald		121	2,6	2,1	12	0						12		
(749) Sysmex XE, XS, XT series		118	2,5	2,1	11	0						11		

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EQA round: KO2/22 - Blood Count

Deadline: 08.04.2022

Test	[unit]						Comparability						N _{eva}	N _{suc}	S _{rel}
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL				
(152) Haemoglobin	[g/L]				197								197	194	98%
Samples and groups															
Sample A		119	2,1	1,8	197	CVP	119	0,37	6%	111	127	197	195	99%	
(755) Sysmex KX series		118	3,0	2,6	13	0						13			
(763) Abbott Alinity, CELL-DYN Sapphire		120	0,74	0,62	5	0						5			
(765) Abbott CELL-DYN Ruby		122	1,8	1,5	18	0						18			
(768) MINDRAY BC 5xxx series		122	5,3	4,4	5	0						5			
(771) MINDRAY BC 6xxx series		119	1,2	1,0	16	0						16			
(772) Sysmex XN series		118	1,4	1,2	83	0						83			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		118	1,4	1,2	12	0						12			
(999) another system		117	3,0	2,5	7	0						7			
Other					15	0						15			
1x 718, 2x 737, 4x 741, 4x 744, 4x 766															
Sample B		117	2,1	1,8	197	CVP	117	0,37	6%	109	125	197	195	99%	
(702) Abbott CELL-DYN Emerald		119	2,1	1,7	12	0						12			
(749) Sysmex XE, XS, XT series		116	2,3	2,0	11	0						11			
(755) Sysmex KX series		116	2,7	2,4	13	0						13			
(763) Abbott Alinity, CELL-DYN Sapphire		118	0,00	0,00	5	0						5			
(765) Abbott CELL-DYN Ruby		119	1,8	1,5	18	0						18			
(768) MINDRAY BC 5xxx series		120	6,7	5,6	5	0						5			
(771) MINDRAY BC 6xxx series		117	1,5	1,3	16	0						16			
(772) Sysmex XN series		116	1,5	1,3	83	0						83			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		116	1,3	1,1	12	0						12			
(999) another system		116	3,0	2,6	7	0						7			
Other					15	0						15			
1x 718, 2x 737, 4x 741, 4x 744, 4x 766															
(153) HCT	[-]				197								197	192	97%
Samples and groups															
Sample A		0,372	0,012	3,3	197	CVP	0,372	,0021	10%	0,334	0,41	197	193	98%	
(702) Abbott CELL-DYN Emerald		0,360	0,011	3,1	12	0						12			
(749) Sysmex XE, XS, XT series		0,373	0,011	2,9	11	0						11			
(755) Sysmex KX series		0,363	0,01	2,8	13	0						13			
(763) Abbott Alinity, CELL-DYN Sapphire		0,373	0,001	0,40	5	0						5			
(765) Abbott CELL-DYN Ruby		0,383	0,014	3,7	18	0						18			
(768) MINDRAY BC 5xxx series		0,363	0,023	6,3	5	0						5			
(771) MINDRAY BC 6xxx series		0,360	0,005	1,5	16	0						16			
(772) Sysmex XN series		0,378	0,007	1,9	83	0						83			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,365	0,006	1,9	12	0						12			
(999) another system		0,360	0,016	4,3	7	1						7			
Other					15	0						15			
1x 718, 2x 737, 4x 741, 4x 744, 4x 766															
Sample B		0,362	0,013	3,5	197	CVP	0,362	,0022	10%	0,325	0,399	197	194	98%	
(702) Abbott CELL-DYN Emerald		0,349	0,015	4,4	12	0						12			
(749) Sysmex XE, XS, XT series		0,366	0,012	3,4	11	0						11			
(755) Sysmex KX series		0,352	0,009	2,6	13	0						13			
(763) Abbott Alinity, CELL-DYN Sapphire		0,364	0,001	0,41	5	0						5			
(765) Abbott CELL-DYN Ruby		0,370	0,01	2,8	18	0						18			
(768) MINDRAY BC 5xxx series		0,350	0,014	4,0	5	0						5			
(771) MINDRAY BC 6xxx series		0,354	0,005	1,4	16	0						16			
(772) Sysmex XN series		0,369	0,007	2,0	83	1						83			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,351	0,004	1,3	12	0						12			
(999) another system		0,345	0,022	6,4	7	1						7			
Other					15	0						15			
1x 718, 2x 737, 4x 741, 4x 744, 4x 766															
(154) MCV	[fL]				197								197	193	98%
Samples and groups															
Sample A		99,9	2,7	2,7	197	CVP	99,9	0,48	10%	89,9	110	197	193	98%	
(702) Abbott CELL-DYN Emerald		98,9	1,9	1,9	12	0						12			
(749) Sysmex XE, XS, XT series		99,9	2,8	2,8	11	0						11			
(755) Sysmex KX series		98,1	2,3	2,3	13	0						13			
(763) Abbott Alinity, CELL-DYN Sapphire		99,5	0,74	0,75	5	0						5			
(765) Abbott CELL-DYN Ruby		100	2,6	2,6	18	0						18			
(768) MINDRAY BC 5xxx series		98,1	3,9	3,9	5	0						5			
(771) MINDRAY BC 6xxx series		97,7	1,5	1,5	16	1						16			
(772) Sysmex XN series		102	1,5	1,4	83	0						83			
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		98,3	0,80	0,82	12	0						12			
(999) another system		95,8	2,6	2,7	7	0						7			

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

EQA round: KO2/22 - Blood Count

Deadline: 08.04.2022

Test	[unit]						Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(154) MCV					197							197	193	98%
Samples and groups														
Sample A	[fL]	99,9	2,7	2,7	197	CVP	99,9	0,48	10%	89,9	110	197	193	98%
Other					15	0						15		
1x 718, 2x 737, 4x 741, 4x 744, 4x 766														
Sample B		106	3,2	3,1	197	CVP	106	0,57	10%	95,4	117	197	193	98%
(702) Abbott CELL-DYN Emerald		105	2,6	2,5	12	0						12		
(749) Sysmex XE, XS, XT series		106	3,6	3,3	11	0						11		
(755) Sysmex KX series		103	2,1	2,1	13	0						13		
(763) Abbott Alinity, CELL-DYN Sapphire		105	0,74	0,71	5	0						5		
(765) Abbott CELL-DYN Ruby		105	2,8	2,6	18	0						18		
(768) MINDRAY BC 5xxx series		104	3,1	3,0	5	0						5		
(771) MINDRAY BC 6xxx series		104	1,6	1,5	16	1						16		
(772) Sysmex XN series		108	1,7	1,6	83	0						83		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		103	0,89	0,87	12	0						12		
(999) another system		100	1,5	1,5	7	0						7		
Other					15	0						15		
1x 718, 2x 737, 4x 741, 4x 744, 4x 766														
(155) Platelets					197							197	193	98%
Samples and groups														
Sample A	[·10 ⁹ /L]	264	12	4,4	197	CVP	264	2,0	20%	211	317	197	195	99%
(702) Abbott CELL-DYN Emerald		263	19	7,2	12	0						12		
(749) Sysmex XE, XS, XT series		269	12	4,4	11	0						11		
(755) Sysmex KX series		266	8,8	3,3	13	0						13		
(763) Abbott Alinity, CELL-DYN Sapphire		269	4,4	1,7	5	0						5		
(765) Abbott CELL-DYN Ruby		247	11	4,5	18	0						18		
(768) MINDRAY BC 5xxx series		267	22	8,3	5	0						5		
(771) MINDRAY BC 6xxx series		272	15	5,6	16	0						16		
(772) Sysmex XN series		266	8,2	3,1	83	0						83		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		259	10	4,0	12	0						12		
(999) another system		259	8,9	3,4	7	0						7		
Other					15	0						15		
1x 718, 2x 737, 4x 741, 4x 744, 4x 766														
Sample B		345	15	4,5	197	CVP	345	2,7	20%	276	414	197	194	98%
(702) Abbott CELL-DYN Emerald		343	26	7,7	12	0						12		
(749) Sysmex XE, XS, XT series		354	17	4,8	11	0						11		
(755) Sysmex KX series		353	11	3,2	13	0						13		
(763) Abbott Alinity, CELL-DYN Sapphire		369	3,0	0,80	5	0						5		
(765) Abbott CELL-DYN Ruby		322	15	4,6	18	0						18		
(768) MINDRAY BC 5xxx series		345	7,4	2,1	5	0						5		
(771) MINDRAY BC 6xxx series		355	13	3,6	16	0						16		
(772) Sysmex XN series		342	10	3,1	83	0						83		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		349	8,5	2,4	12	0						12		
(999) another system		345	13	3,9	7	0						7		
Other					15	0						15		
1x 718, 2x 737, 4x 741, 4x 744, 4x 766														
(156) RDW					178							169	162	96%
Samples and groups														
Sample A	[%]	13,2	0,39	2,9	178							169	162	96%
(702) Abbott CELL-DYN Emerald		13,7	1,0	7,6	9	0	CVPG	13,7	1,3	10%	12,3	15,1	9	
(765) Abbott CELL-DYN Ruby		12,8	0,46	3,6	17	0	CVPG	12,8	0,27	10%	11,5	14,1	17	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		14,3	0,22	1,5	12	0	CVPG	14,3	0,17	10%	12,8	15,8	12	
(63) Sysmex; (749) Sysmex XE, XS, XT series		13,5	0,17	1,2	10	0	CVPG	13,2	0,037	10%	11,8	14,6	10	
(63) Sysmex; (755) Sysmex KX series		12,9	0,49	3,8	10	4	CVPG	13,2	0,037	10%	11,8	14,6	10	
(63) Sysmex; (772) Sysmex XN series		13,2	0,12	0,93	82	0	CVPG	13,2	0,037	10%	11,8	14,6	82	
(177) Mindray; (771) MINDRAY BC 6xxx series		13,1	0,27	2,0	16	0	CVPG	13,2	0,19	10%	11,8	14,6	16	
Other					22	0						13		
4x 1/763, 1x 12/718, 3x 157/741, 3x 157/744, 1x 177/766, 4x 177/768, 1x 177/999, 2x 179/737, 1x 204/999, 2x 999/999														
Sample B		12,1	0,47	3,9	178							169	163	96%
(702) Abbott CELL-DYN Emerald		12,7	0,59	4,7	9	0	CVPG	12,7	0,73	10%	11,4	14	9	
(765) Abbott CELL-DYN Ruby		11,2	0,47	4,2	17	0	CVPG	11,2	0,28	10%	10	12,4	17	
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		12,7	0,20	1,6	12	0	CVPG	12,7	0,13	10%	11,4	14	12	
(63) Sysmex; (749) Sysmex XE, XS, XT series		12,4	0,08	20,66	10	0	CVPG	12,2	0,044	10%	10,9	13,5	10	
(63) Sysmex; (755) Sysmex KX series		11,8	0,49	4,1	10	4	CVPG	12,2	0,044	10%	10,9	13,5	10	
(63) Sysmex; (772) Sysmex XN series		12,2	0,14	1,1	82	0	CVPG	12,2	0,044	10%	10,9	13,5	82	

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Test	[unit]						Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(156) RDW					178							169	162	96%
Samples and groups	[%]													
Sample B		12,1	0,47	3,9	178							169	163	96%
(177) Mindray; (771) MINDRAY BC 6xxx series		12,1	0,29	2,4	16	0	CVPG	12,2	0,24	10%	10,9	13,5		16
Other					22	0								13
								4x 1/763, 1x 12/718, 3x 157/741, 3x 157/744, 1x 177/766, 4x 177/768, 1x 177/999, 2x 179/737, 1x 204/999, 2x 999/999						
(157) MPV					176							168	166	99%
Samples and groups	[fL]													
Sample A		9,73	1,0	11	176							168	167	99%
(702) Abbott CELL-DYN Emerald		8,50	0,15	1,7	7	0	CVPG	8,5	0,14	18%	6,97	10,1		7
(765) Abbott CELL-DYN Ruby		6,68	0,43	6,4	15	0	CVPG	6,68	0,27	18%	5,47	7,89		15
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		8,62	0,23	2,6	12	0	CVPG	8,63	0,15	18%	7,07	10,2		12
(63) Sysmex; (749) Sysmex XE, XS, XT series		10,4	0,51	4,9	10	0	CVPG	10,3	0,067	18%	8,44	12,2		10
(63) Sysmex; (755) Sysmex KX series		9,93	0,27	2,8	11	0	CVPG	10,3	0,067	18%	8,44	12,2		11
(63) Sysmex; (772) Sysmex XN series		10,4	0,23	2,2	83	0	CVPG	10,3	0,067	18%	8,44	12,2		83
(177) Mindray; (771) MINDRAY BC 6xxx series		10,2	0,36	3,6	16	0	CVPG	10	0,25	18%	8,2	11,8		16
Other					22	0								14
								3x 1/763, 1x 12/718, 1x 63/768, 3x 157/741, 3x 157/744, 1x 177/766, 4x 177/768, 1x 177/999, 2x 179/737, 1x 204/999, 2x 999/999						
Sample B		8,58	1,1	12	176							168	166	99%
(702) Abbott CELL-DYN Emerald		7,20	0,30	4,1	7	0	CVPG	7,2	0,29	18%	5,9	8,5		7
(765) Abbott CELL-DYN Ruby		5,39	0,49	9,0	15	0	CVPG	5,39	0,31	18%	4,41	6,37		15
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		7,43	0,22	3,0	12	0	CVPG	7,46	0,17	18%	6,11	8,81		12
(63) Sysmex; (749) Sysmex XE, XS, XT series		9,16	0,41	4,4	10	0	CVPG	9,22	0,050	18%	7,56	10,9		10
(63) Sysmex; (755) Sysmex KX series		8,82	0,30	3,4	11	0	CVPG	9,22	0,050	18%	7,56	10,9		11
(63) Sysmex; (772) Sysmex XN series		9,26	0,18	1,9	83	0	CVPG	9,22	0,050	18%	7,56	10,9		83
(177) Mindray; (771) MINDRAY BC 6xxx series		8,68	0,29	3,4	16	0	CVPG	8,56	0,20	18%	7,01	10,2		16
Other					22	0								14
								3x 1/763, 1x 12/718, 1x 63/768, 3x 157/741, 3x 157/744, 1x 177/766, 4x 177/768, 1x 177/999, 2x 179/737, 1x 204/999, 2x 999/999						
(158) PDW [%]					17							16	16	100%
Samples and groups	[%]													
Sample A		17,1	0,40	2,3	17							16	16	100%
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		17,0	0,21	1,2	11	0	CVPG	17	0,16	15%	14,4	19,6		11
Other					6	0								5
								3x 157/741, 2x 157/744, 1x 204/999						
Sample B		16,2	0,36	2,2	17							16	16	100%
(12) Beckman Coulter; (773) Beckman Coulter DxH 600/800/900, HMX series, LH series		16,1	0,085	0,53	11	0	CVPG	16,1	0,063	15%	13,6	18,6		11
Other					6	0								5
								3x 157/741, 2x 157/744, 1x 204/999						
(165) PDW [fL]					100							100	97	97%
Samples and groups	[fL]													
Sample A		11,9	0,62	5,2	100							100	98	98%
(63) Sysmex; (749) Sysmex XE, XS, XT series		11,9	0,71	6,0	10	0	CVPG	11,9	0,15	15%	10,1	13,7		10
(63) Sysmex; (755) Sysmex KX series		12,8	0,64	5,0	11	0	CVPG	11,9	0,15	15%	10,1	13,7		11
(63) Sysmex; (772) Sysmex XN series		11,8	0,56	4,7	79	0	CVPG	11,9	0,15	15%	10,1	13,7		79
Sample B		9,43	0,46	4,9	100							100	97	97%
(63) Sysmex; (749) Sysmex XE, XS, XT series		9,45	0,58	6,2	10	0	CVPG	9,43	0,11	15%	8,01	10,9		10
(63) Sysmex; (755) Sysmex KX series		10,2	0,37	3,6	11	0	CVPG	9,43	0,11	15%	8,01	10,9		11
(63) Sysmex; (772) Sysmex XN series		9,33	0,37	4,0	79	0	CVPG	9,43	0,11	15%	8,01	10,9		79
(166) PDW [-]					34							34	32	94%
Samples and groups	[-]													
Sample A		17,2	2,0	12	34							34	32	94%
(1) Abbott; (765) Abbott CELL-DYN Ruby		19,3	0,68	3,5	13	0	CVPG	19,1	0,56	15%	16,2	22		13
(177) Mindray; (771) MINDRAY BC 6xxx series		16,2	0,11	0,71	15	0	CVPG	16,1	0,073	15%	13,6	18,6		15
Other					6	0								6
								1x 1/702, 1x 1/763, 2x 177/766, 1x 177/768, 1x 177/999						
Sample B		16,5	1,7	10	34							34	32	94%
(1) Abbott; (765) Abbott CELL-DYN Ruby		18,3	0,39	2,2	13	0	CVPG	18,2	0,35	15%	15,4	21		13
(177) Mindray; (771) MINDRAY BC 6xxx series		15,6	0,13	0,86	15	0	CVPG	15,6	0,088	15%	13,2	18		15

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

EQA round: KO2/22 - Blood Count

Deadline: 08.04.2022

Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability						N _{eva}	N _{suc}	S _{rel}
							AV	U _{AV}	D _{max}	LL	UL				
(166) PDW [-]					34								34	32	94%
Samples and groups															
Sample B		16,5	1,7	10	34								34	32	94%
Other					6	0	1x 1/702, 1x 1/763, 2x 177/766, 1x 177/768, 1x 177/999						6		
(160) Neutrophiles	f.10(exp9)/L]				149								125	119	95%
Samples and groups															
Sample A		2,13	0,16	7,6	149								125	119	95%
(702) Abbott CELL-DYN Emerald		1,67	0,53	3,2	8	0	CVPG	1,67	0,40	25%	1,25	2,09	0		
(749) Sysmex XE, XS, XT series		2,19	0,067	3,1	8	0	CVP	2,17	0,026	25%	1,62	2,72	8		
(763) Abbott Alinity, CELL-DYN Sapphire		2,10	0,10	4,9	5	0	CVP	2,17	0,026	25%	1,62	2,72	5		
(765) Abbott CELL-DYN Ruby		1,67	0,26	16	16	0	CVPG	1,67	0,16	25%	1,25	2,09	0		
(771) MINDRAY BC 6xxx series		2,33	0,081	3,4	14	0	CVP	2,17	0,026	25%	1,62	2,72	14		
(772) Sysmex XN series		2,17	0,079	3,6	78	0	CVP	2,17	0,026	25%	1,62	2,72	78		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		2,04	0,075	3,7	12	0	CVP	2,17	0,026	25%	1,62	2,72	12		
Other					8	2	1x 718, 1x 737, 1x 741, 1x 744, 1x 755, 2x 768, 1x 999						8		
Sample B		3,51	0,22	6,1	149								125	121	97%
(702) Abbott CELL-DYN Emerald		2,88	0,77	27	8	0	CVPG	2,88	0,59	25%	2,16	3,6	0		
(749) Sysmex XE, XS, XT series		3,71	0,074	2,0	8	0	CVP	3,57	0,033	25%	2,67	4,47	8		
(763) Abbott Alinity, CELL-DYN Sapphire		3,48	0,067	1,9	5	0	CVP	3,57	0,033	25%	2,67	4,47	5		
(765) Abbott CELL-DYN Ruby		2,93	0,45	15	16	0	CVPG	2,93	0,27	25%	2,19	3,67	0		
(771) MINDRAY BC 6xxx series		3,78	0,12	3,2	14	0	CVP	3,57	0,033	25%	2,67	4,47	14		
(772) Sysmex XN series		3,58	0,11	3,1	78	0	CVP	3,57	0,033	25%	2,67	4,47	78		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		3,38	0,18	5,2	12	0	CVP	3,57	0,033	25%	2,67	4,47	12		
Other					8	1	1x 718, 1x 737, 1x 741, 1x 744, 1x 755, 2x 768, 1x 999						8		
(161) Lymphocytes	f.10(exp9)/L]				149								149	143	96%
Samples and groups															
Sample A		1,92	0,10	5,4	149		CVP	1,92	0,021	25%	1,44	2,4	149	144	97%
(702) Abbott CELL-DYN Emerald		2,12	0,33	15	8	0							8		
(749) Sysmex XE, XS, XT series		1,95	0,16	8,0	8	0							8		
(763) Abbott Alinity, CELL-DYN Sapphire		2,02	0,067	3,3	5	0							5		
(765) Abbott CELL-DYN Ruby		2,03	0,15	7,5	16	0							16		
(771) MINDRAY BC 6xxx series		1,84	0,11	6,0	14	0							14		
(772) Sysmex XN series		1,91	0,06	3,1	78	0							78		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		1,81	0,14	7,8	12	0							12		
Other					8	1	1x 718, 1x 737, 1x 741, 1x 744, 1x 755, 2x 768, 1x 999						8		
Sample B		3,20	0,16	4,9	149		CVP	3,2	0,032	25%	2,4	4	149	144	97%
(702) Abbott CELL-DYN Emerald		3,39	0,27	8,1	8	0							8		
(749) Sysmex XE, XS, XT series		3,16	0,21	6,6	8	0							8		
(763) Abbott Alinity, CELL-DYN Sapphire		3,23	0,059	1,8	5	0							5		
(765) Abbott CELL-DYN Ruby		3,23	0,35	11	16	0							16		
(771) MINDRAY BC 6xxx series		3,12	0,17	5,5	14	0							14		
(772) Sysmex XN series		3,22	0,10	3,2	78	0							78		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		2,96	0,17	5,8	12	0							12		
Other					8	1	1x 718, 1x 737, 1x 741, 1x 744, 1x 755, 2x 768, 1x 999						8		
(162) Monocytes	f.10(exp9)/L]				148								148	144	97%
Samples and groups															
Sample A		0,423	0,047	11	148		CVP	0,423	,0094	50%	0,211	0,635	148	145	98%
(702) Abbott CELL-DYN Emerald		0,355	0,067	19	8	0							8		
(749) Sysmex XE, XS, XT series		0,450	0,015	3,3	8	0							8		
(763) Abbott Alinity, CELL-DYN Sapphire		0,403	0,01	2,6	5	0							5		
(765) Abbott CELL-DYN Ruby		0,422	0,039	9,2	16	0							16		
(771) MINDRAY BC 6xxx series		0,341	0,021	6,1	14	0							14		
(772) Sysmex XN series		0,442	0,036	8,2	78	0							78		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,400	0,000	0,00	12	0							12		
Other					7	0	1x 718, 1x 737, 1x 741, 1x 744, 2x 768, 1x 999						7		
Sample B		0,545	0,052	9,5	148		CVP	0,545	0,011	50%	0,272	0,818	148	145	98%
(702) Abbott CELL-DYN Emerald		0,494	0,036	7,2	8	0							8		
(749) Sysmex XE, XS, XT series		0,645	0,052	8,0	8	0							8		
(763) Abbott Alinity, CELL-DYN Sapphire		0,573	0,019	3,2	5	0							5		
(765) Abbott CELL-DYN Ruby		0,538	0,048	8,9	16	0							16		

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of the groups n = 5

EQA round: KO2/22 - Blood Count

Deadline: 08.04.2022

Test	[unit]						Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(162) Monocytes	f.10(exp9)/L]				148							148	144	97%
Samples and groups														
Sample B		0,545	0,052	9,5	148	CVP	0,545	0,011	50%	0,272	0,818	148	145	98%
(771) MINDRAY BC 6xxx series		0,478	0,032	6,8	14	0						14		
(772) Sysmex XN series		0,553	0,039	7,0	78	0						78		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,548	0,056	10	12	0						12		
Other					7	1						7		
1x 718, 1x 737, 1x 741, 1x 744, 2x 768, 1x 999														
(163) Eosinophils	f.10(exp9)/L]				146							146	145	99%
Samples and groups														
Sample A		0,200	0,015	7,4	146	CVP	0,2	,0030	50%	0,1	0,3	146	146	100%
(702) Abbott CELL-DYN Emerald		0,175	0,037	21	8	0						8		
(749) Sysmex XE, XS, XT series		0,215	0,022	10	8	0						8		
(763) Abbott Alinity, CELL-DYN Sapphire		0,198	0,027	13	5	0						5		
(765) Abbott CELL-DYN Ruby		0,191	0,014	7,5	16	0						16		
(771) MINDRAY BC 6xxx series		0,196	0,019	9,8	14	0						14		
(772) Sysmex XN series		0,201	0,014	6,9	78	0						78		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,199	0,0010	0,95	12	0						12		
Other					5	0						5		
1x 718, 1x 737, 1x 744, 2x 768														
Sample B		0,206	0,023	11	146	CVP	0,206	,0047	asym.	0	0,309	146	145	99%
(702) Abbott CELL-DYN Emerald		0,161	0,09	56	8	0						8		
(749) Sysmex XE, XS, XT series		0,220	0,015	6,7	8	0						8		
(763) Abbott Alinity, CELL-DYN Sapphire		0,228	0,007	3,2	5	0						5		
(765) Abbott CELL-DYN Ruby		0,166	0,032	19	16	0						16		
(771) MINDRAY BC 6xxx series		0,206	0,013	6,3	14	0						14		
(772) Sysmex XN series		0,212	0,019	8,9	78	0						78		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,194	0,011	5,4	12	0						12		
Other					5	0						5		
1x 718, 1x 737, 1x 744, 2x 768														
(164) Basophiles	f.10(exp9)/L]				146							146	144	99%
Samples and groups														
Sample A		0,064	0,034	53	146	CVP	0,064	,0069	asym.	0	0,141	146	144	99%
(702) Abbott CELL-DYN Emerald		0,010	0,015	150	8	0						8		
(749) Sysmex XE, XS, XT series		0,050	0,015	30	8	0						8		
(763) Abbott Alinity, CELL-DYN Sapphire		0,007	0,005	80	5	0						5		
(765) Abbott CELL-DYN Ruby		0,111	0,024	22	16	0						16		
(771) MINDRAY BC 6xxx series		0,046	0,012	27	14	0						14		
(772) Sysmex XN series		0,071	0,018	25	78	0						78		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,035	0,049	140	12	0						12		
Other					5	0						5		
1x 718, 1x 737, 1x 744, 2x 768														
Sample B		0,065	0,045	69	146	CVP	0,065	,0091	asym.	0	0,224	146	146	100%
(702) Abbott CELL-DYN Emerald		0,010	0,015	150	8	0						8		
(749) Sysmex XE, XS, XT series		0,040	0,015	37	8	0						8		
(763) Abbott Alinity, CELL-DYN Sapphire		0,015	0,007	49	5	0						5		
(765) Abbott CELL-DYN Ruby		0,153	0,038	24	16	0						16		
(771) MINDRAY BC 6xxx series		0,029	0,009	31	14	0						14		
(772) Sysmex XN series		0,066	0,021	32	78	0						78		
(773) Beckman Coulter DxH 600/800/900, HMX series, LH series		0,067	0,057	84	12	0						12		
Other					5	0						5		
1x 718, 1x 737, 1x 744, 2x 768														

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End of report

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