

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of groups n = 5

EQA round: HKG1/18 - Haemocoagulation Tests

Dead line: 16.03.2018

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 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			Comparability			
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}
(170) APTT - ratio					194						181	172	95%
Samples and groups	[-]												
Sample A		1,04	0,12	11	194						181	179	99%
(38) IL; (253) IL APTT-SP		0,901	0,047	5,2	22	0	CVPG	0,902	0,024	20%	0,721	1,09	22
(38) IL; (256) IL SynthASil		1,11	0,015	1,3	5	0	CVPG	1,14	0,083	20%	0,912	1,37	5
(63) Sysmex; (240) Siemens (Dade) Actin FS		0,992	0,04	4,1	45	0	CVPG	0,997	0,013	20%	0,797	1,2	45
(63) Sysmex; (241) Siemens (Dade) Actin FSL		0,999	0,049	4,9	13	0	CVPG	0,994	0,032	20%	0,795	1,2	13
(63) Sysmex; (242) Siemens (Dade) Pathromtin SL		1,18	0,047	4,0	45	0	CVPG	1,18	0,017	20%	0,944	1,42	45
(94) Stago; (260) Stago PTT Automate		0,997	0,039	3,9	15	0	CVPG	0,997	0,025	20%	0,797	1,2	15
(149) Siemens (Dade); (240) Siemens (Dade) Actin FS		1,01	0,045	4,4	11	0	CVPG	0,997	0,013	20%	0,797	1,2	11
(149) Siemens (Dade); (242) Siemens (Dade) Pathromtin SL		1,14	0,037	3,3	6	0	CVPG	1,18	0,017	20%	0,944	1,42	6
Other					32	0							19
													1x 12/256, 1x 27/245, 1x 27/248, 1x 27/269, 1x 46/266, 1x 46/999, 1x 51/242, 1x 51/253, 2x 51/270, 1x 63/252, 3x 63/257, 1x 63/266, 4x 63/269, 2x 94/242, 2x 94/259, 2x 94/265...
Sample B		1,70	0,28	16	194						181	174	96%
(38) IL; (253) IL APTT-SP		1,47	0,06	4,0	22	0	CVPG	1,47	0,030	20%	1,17	1,77	22
(38) IL; (256) IL SynthASil		1,50	0,037	2,5	5	0	CVPG	1,51	0,073	20%	1,2	1,82	5
(63) Sysmex; (240) Siemens (Dade) Actin FS		1,51	0,11	7,3	45	0	CVPG	1,53	0,039	20%	1,22	1,84	45
(63) Sysmex; (241) Siemens (Dade) Actin FSL		1,80	0,12	6,5	13	0	CVPG	1,78	0,074	20%	1,42	2,14	13
(63) Sysmex; (242) Siemens (Dade) Pathromtin SL		2,04	0,16	7,9	45	0	CVPG	2,05	0,050	20%	1,64	2,46	45
(94) Stago; (260) Stago PTT Automate		1,65	0,08	4,8	15	0	CVPG	1,65	0,051	20%	1,32	1,98	15
(149) Siemens (Dade); (240) Siemens (Dade) Actin FS		1,66	0,19	11	11	0	CVPG	1,53	0,039	20%	1,22	1,84	11
(149) Siemens (Dade); (242) Siemens (Dade) Pathromtin SL		2,14	0,067	3,1	6	0	CVPG	2,05	0,050	20%	1,64	2,46	6
Other					32	0							19
													1x 12/256, 1x 27/245, 1x 27/248, 1x 27/269, 1x 46/266, 1x 46/999, 1x 51/242, 1x 51/253, 2x 51/270, 1x 63/252, 3x 63/257, 1x 63/266, 4x 63/269, 2x 94/242, 2x 94/259, 2x 94/265...
(171) Fibrinogen					152						152	147	97%
Samples and groups	[g/L]												
Sample A		2,94	0,24	8,3	152		CVP	2,94	0,049	25%	2,2	3,68	152
(38) IL		3,16	0,18	5,8	22	0							22
(63) Sysmex		2,85	0,21	7,3	93	0							93
(94) Stago		3,14	0,19	6,0	17	0							17
(149) Siemens (Dade)		2,87	0,15	5,3	12	0							12
Other					8	0							8
													1x 12, 1x 27, 1x 46, 3x 51, 2x 175
Sample B		1,09	0,11	9,6	152		CVP	1,09	0,021	25%	0,817	1,37	152
(38) IL		1,21	0,097	8,0	22	0							22
(63) Sysmex		1,05	0,076	7,2	93	0							93
(94) Stago		1,17	0,067	5,7	17	0							17
(149) Siemens (Dade)		1,05	0,096	9,2	12	0							12
Other					8	0							8
													1x 12, 1x 27, 1x 46, 3x 51, 2x 175
(177) Antithrombin					119						119	113	95%
Samples and groups	[%]												
Sample A		94,8	5,1	5,4	119		CVP	94,8	1,2	18%	77,7	112	119
(38) IL		95,2	5,1	5,4	21	0							21
(63) Sysmex		94,6	4,9	5,2	70	0							70
(94) Stago		96,9	5,3	5,5	11	0							11
(149) Siemens (Dade)		95,3	4,5	4,7	10	0							10
Other					7	0							7
													1x 12, 1x 46, 1x 51, 1x 58, 1x 60, 2x 175
Sample B		39,0	3,8	9,7	119		CVP	39	0,85	25%	29,2	48,8	119
(38) IL		38,4	4,4	11	21	0							21
(63) Sysmex		38,9	3,8	9,8	70	0							70
(94) Stago		40,2	2,4	6,0	11	0							11
(149) Siemens (Dade)		38,4	3,7	9,7	10	0							10
Other					7	0							7
													1x 12, 1x 46, 1x 51, 1x 58, 1x 60, 2x 175
(172) Prothrombin test (INR)					197						197	193	98%
Samples and groups	[-]												
Sample A		1,01	0,05	5,0	197		CVP	1,01	0,088	20%	0,808	1,22	197

