

## Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of groups n = 5

## EQA round: HKG3/18 - Haemocoagulation Tests

Dead line: 14.09.2018

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

Test	[unit]	Comparability					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>(170) APTT - ratio</b>					160							153	146	95%
Samples and groups	[-]													
<b>Sample A</b>		1,65	0,31	19	160							153	146	95%
(38) IL; (253) IL APTT-SP		1,26	0,087	6,9	21	0	CVPG	1,26	0,046	20%	1	1,52		21
(38) IL; (256) IL SynthASil		1,70	0,15	8,7	6	0	CVPG	1,7	0,14	20%	1,36	2,04		6
(63) Sysmex; (240) Siemens (Dade) Actin FS		1,57	0,12	7,7	36	0	CVPG	1,57	0,045	20%	1,25	1,89		36
(63) Sysmex; (241) Siemens (Dade) Actin FSL		1,44	0,096	6,7	8	0	CVPG	1,44	0,075	20%	1,15	1,73		8
(63) Sysmex; (242) Siemens (Dade) Pathromtin SL		2,02	0,18	8,7	40	0	CVPG	1,98	0,064	20%	1,58	2,38		40
(94) Stago; (260) Stago PTT Automate		1,44	0,037	2,6	9	0	CVPG	1,44	0,046	20%	1,15	1,73		9
(94) Stago; (265) Stago Cephascreen		1,39	0,074	5,3	5	1	CVPG	1,39	0,074	20%	1,11	1,67		5
(149) Siemens (Dade); (240) Siemens (Dade) Actin FS		1,54	0,067	4,3	5	0	CVPG	1,57	0,045	20%	1,25	1,89		5
(149) Siemens (Dade); (242) Siemens (Dade) Pathromtin SL		1,81	0,19	10	8	0	CVPG	1,98	0,064	20%	1,58	2,38		8
Other					22	0								15 1x 12/256, 1x 27/248, 1x 27/260, 1x 27/269, 1x 46/266, 1x 46/999, 1x 51/270, 2x 63/257, 1x 63/266, 4x 63/269, 1x 94/242, 2x 94/259, 2x 149/241, 1x 149/257, 2x 175/257
<b>Sample B</b>		1,81	0,30	16	160							153	146	95%
(38) IL; (253) IL APTT-SP		1,42	0,087	6,1	21	0	CVPG	1,42	0,047	20%	1,13	1,71		21
(38) IL; (256) IL SynthASil		1,74	0,16	9,0	6	0	CVPG	1,76	0,19	20%	1,4	2,12		6
(63) Sysmex; (240) Siemens (Dade) Actin FS		1,75	0,13	7,4	36	0	CVPG	1,75	0,049	20%	1,4	2,1		36
(63) Sysmex; (241) Siemens (Dade) Actin FSL		1,66	0,16	9,8	8	0	CVPG	1,64	0,090	20%	1,31	1,97		8
(63) Sysmex; (242) Siemens (Dade) Pathromtin SL		2,14	0,19	9,0	40	0	CVPG	2,12	0,070	20%	1,69	2,55		40
(94) Stago; (260) Stago PTT Automate		1,61	0,052	3,2	9	0	CVPG	1,6	0,053	20%	1,28	1,92		9
(94) Stago; (265) Stago Cephascreen		1,55	0,089	5,7	5	1	CVPG	1,55	0,089	20%	1,24	1,86		5
(149) Siemens (Dade); (240) Siemens (Dade) Actin FS		1,75	0,11	6,4	5	0	CVPG	1,75	0,049	20%	1,4	2,1		5
(149) Siemens (Dade); (242) Siemens (Dade) Pathromtin SL		2,03	0,41	20	8	0	CVPG	2,12	0,070	20%	1,69	2,55		8
Other					22	0								15 1x 12/256, 1x 27/248, 1x 27/260, 1x 27/269, 1x 46/266, 1x 46/999, 1x 51/270, 2x 63/257, 1x 63/266, 4x 63/269, 1x 94/242, 2x 94/259, 2x 149/241, 1x 149/257, 2x 175/257
<b>(171) Fibrinogen</b>					127							127	123	97%
Samples and groups	[g/L]													
<b>Sample A</b>		2,18	0,21	9,6	127		CVP	2,18	0,046	25%	1,63	2,73		127
(38) IL		2,32	0,21	8,9	22	0								22
(63) Sysmex		2,11	0,17	8,1	76	0								76
(94) Stago		2,43	0,17	7,0	13	0								13
(149) Siemens (Dade)		2,03	0,12	5,7	11	0								11
Other					5	0								5
<b>Sample B</b>		1,81	0,18	9,9	127		CVP	1,81	0,039	25%	1,35	2,27		127
(38) IL		1,85	0,20	11	22	0								22
(63) Sysmex		1,76	0,16	9,0	76	0								76
(94) Stago		1,98	0,13	6,8	13	0								13
(149) Siemens (Dade)		1,78	0,14	8,1	11	0								11
Other					5	0								5
														1x 12, 1x 27, 1x 46, 2x 175
<b>(177) Antithrombin</b>					98							98	95	97%
Samples and groups	[%]													
<b>Sample A</b>		81,5	4,9	6,0	98		CVP	81,5	1,2	18%	66,8	96,2		98
(38) IL		79,8	6,5	8,1	20	0								20
(63) Sysmex		82,1	4,5	5,4	55	0								55
(94) Stago		81,5	3,7	4,5	8	0								8
(149) Siemens (Dade)		82,3	3,2	3,9	9	0								9
Other					6	0								6
<b>Sample B</b>		70,7	5,1	7,2	98		CVP	70,7	1,3	18%	57,9	83,5		98
(38) IL		65,7	7,0	11	20	0								20
(63) Sysmex		72,0	3,9	5,5	55	0								55
(94) Stago		71,5	3,7	5,2	8	0								8
(149) Siemens (Dade)		72,7	3,7	5,1	9	0								9
Other					6	0								6
														1x 12, 1x 46, 1x 58, 1x 60, 2x 175

