

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of groups n = 5

EQA round: HKG4/17 - Haemocoagulation Tests

Dead line: 17.11.2017

| | | |
|--|--|--|
| 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 | | | | | | | | |
|--|--------|---------------|-------|--------|------------------|------------------|---------------|--|------------------|-----|-------|------------------|------------------|------------------|-----|
| | | RoM | SD | CV [%] | N _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} | |
| (170) APTT - ratio | | | | | 318 | | | | | | | 307 | 290 | 94% | |
| Samples and groups | [-] | | | | | | | | | | | | | | |
| Sample A | | 2,09 | 0,43 | 21 | 318 | | | | | | | 307 | 290 | 94% | |
| (1) Coagulometer; (240) Siemens (Dade) Actin FS | | 1,98 | 0,13 | 6,3 | 95 | 0 | CVPG | 1,98 | 0,032 | 20% | 1,58 | 2,38 | 95 | | |
| (1) Coagulometer; (241) Siemens (Dade) Actin FSL | | 1,54 | 0,10 | 6,7 | 31 | 0 | CVPG | 1,54 | 0,045 | 20% | 1,23 | 1,85 | 31 | | |
| (1) Coagulometer; (242) Siemens (Dade) Pathromtin SL | | 2,84 | 0,19 | 6,6 | 62 | 1 | CVPG | 2,84 | 0,059 | 20% | 2,27 | 3,41 | 62 | | |
| (1) Coagulometer; (253) IL APTT-SP | | 1,79 | 0,11 | 6,0 | 31 | 0 | CVPG | 1,79 | 0,048 | 20% | 1,43 | 2,15 | 31 | | |
| (1) Coagulometer; (256) IL SynthASil | | 1,98 | 0,045 | 2,2 | 7 | 0 | CVPG | 1,98 | 0,043 | 20% | 1,58 | 2,38 | 7 | | |
| (1) Coagulometer; (257) Diagon Dia-PTT-Liquid | | 2,20 | 0,33 | 15 | 12 | 0 | CVPG | 2,2 | 0,24 | 20% | 1,76 | 2,64 | 12 | | |
| (1) Coagulometer; (260) Stago PTT Automate | | 2,12 | 0,13 | 6,2 | 23 | 0 | CVPG | 2,12 | 0,067 | 20% | 1,69 | 2,55 | 23 | | |
| (1) Coagulometer; (265) Stago Cephascreen | | 1,97 | 0,11 | 5,6 | 13 | 0 | CVPG | 1,97 | 0,075 | 20% | 1,57 | 2,37 | 13 | | |
| (1) Coagulometer; (266) Hyphen BioMed CEPHEN | | 2,26 | 0,16 | 7,2 | 9 | 0 | CVPG | 2,26 | 0,20 | 20% | 1,8 | 2,72 | 9 | | |
| (1) Coagulometer; (269) Diagon DIA-PTT | | 2,03 | 0,36 | 18 | 18 | 0 | CVPG | 2,03 | 0,21 | 20% | 1,62 | 2,44 | 18 | | |
| (1) Coagulometer; (270) Technoclone Dapttin | | 1,60 | 0,11 | 7,0 | 6 | 0 | CVPG | 1,6 | 0,16 | 20% | 1,28 | 1,92 | 6 | | |
| Other | | | | | 11 | 0 | | | | | | | | 0 | |
| | | | | | | | | 1x 1/245, 2x 1/248, 2x 1/252, 2x 1/259, 1x 1/262, 1x 1/271, 2x 1/999 | | | | | | | |
| Sample B | | 0,982 | 0,087 | 8,8 | 318 | | | | | | | 307 | 303 | 99% | |
| (1) Coagulometer; (240) Siemens (Dade) Actin FS | | 0,982 | 0,035 | 3,6 | 95 | 0 | CVPG | 0,982 | ,0089 | 20% | 0,785 | 1,18 | 95 | | |
| (1) Coagulometer; (241) Siemens (Dade) Actin FSL | | 0,913 | 0,056 | 6,1 | 31 | 0 | CVPG | 0,913 | 0,025 | 20% | 0,73 | 1,1 | 31 | | |
| (1) Coagulometer; (242) Siemens (Dade) Pathromtin SL | | 1,11 | 0,061 | 5,5 | 62 | 1 | CVPG | 1,11 | 0,019 | 20% | 0,888 | 1,34 | 62 | | |
| (1) Coagulometer; (253) IL APTT-SP | | 0,862 | 0,041 | 4,8 | 31 | 0 | CVPG | 0,862 | 0,018 | 20% | 0,689 | 1,04 | 31 | | |
| (1) Coagulometer; (256) IL SynthASil | | 1,00 | 0,015 | 1,5 | 7 | 0 | CVPG | 1 | 0,014 | 20% | 0,8 | 1,2 | 7 | | |
| (1) Coagulometer; (257) Diagon Dia-PTT-Liquid | | 1,00 | 0,081 | 8,1 | 12 | 0 | CVPG | 1 | 0,058 | 20% | 0,8 | 1,2 | 12 | | |
| (1) Coagulometer; (260) Stago PTT Automate | | 0,981 | 0,057 | 5,8 | 23 | 0 | CVPG | 0,981 | 0,029 | 20% | 0,784 | 1,18 | 23 | | |
| (1) Coagulometer; (265) Stago Cephascreen | | 0,971 | 0,035 | 3,6 | 13 | 0 | CVPG | 0,971 | 0,024 | 20% | 0,776 | 1,17 | 13 | | |
| (1) Coagulometer; (266) Hyphen BioMed CEPHEN | | 0,980 | 0,03 | 3,0 | 9 | 0 | CVPG | 0,98 | 0,037 | 20% | 0,784 | 1,18 | 9 | | |
| (1) Coagulometer; (269) Diagon DIA-PTT | | 0,966 | 0,12 | 12 | 18 | 0 | CVPG | 0,966 | 0,067 | 20% | 0,772 | 1,16 | 18 | | |
| (1) Coagulometer; (270) Technoclone Dapttin | | 0,925 | 0,022 | 2,4 | 6 | 0 | CVPG | 0,925 | 0,031 | 20% | 0,74 | 1,11 | 6 | | |
| Other | | | | | 11 | 0 | | | | | | | | 0 | |
| | | | | | | | | 1x 1/245, 2x 1/248, 2x 1/252, 2x 1/259, 1x 1/262, 1x 1/271, 2x 1/999 | | | | | | | |
| (171) Fibrinogen | | | | | 252 | | | | | | | 252 | 241 | 96% | |
| Samples and groups | [g/L] | | | | | | | | | | | | | | |
| Sample A | | 1,44 | 0,16 | 11 | 252 | | CVP | 1,44 | 0,025 | 25% | 1,08 | 1,8 | 252 | 245 | 97% |
| (1) Coagulometer | | 1,44 | 0,16 | 11 | 250 | 0 | | | | | | | 250 | | |
| Other | | | | | 2 | 0 | | | | | | | 2 | | |
| | | | | | | | | 1x 3, 1x 99 | | | | | | | |
| Sample B | | 3,14 | 0,28 | 8,8 | 252 | | CVP | 3,14 | 0,043 | 25% | 2,35 | 3,93 | 252 | 246 | 98% |
| (1) Coagulometer | | 3,14 | 0,27 | 8,8 | 250 | 0 | | | | | | | 250 | | |
| Other | | | | | 2 | 0 | | | | | | | 2 | | |
| | | | | | | | | 1x 3, 1x 99 | | | | | | | |
| (177) Antithrombin | | | | | 179 | | | | | | | 179 | 173 | 97% | |
| Samples and groups | [%] | | | | | | | | | | | | | | |
| Sample A | | 58,5 | 4,0 | 6,8 | 179 | | CVP | 58,5 | 0,73 | 25% | 43,8 | 73,2 | 179 | 174 | 97% |
| (1) Coagulometer | | 60,6 | 5,7 | 9,4 | 10 | 0 | | | | | | | 10 | | |
| (4) Chromogenous substrat | | 58,4 | 3,9 | 6,7 | 167 | 0 | | | | | | | 167 | | |
| Other | | | | | 2 | 2 | | | | | | | 2 | | |
| | | | | | | | | 2x 0 | | | | | | | |
| Sample B | | 112 | 5,9 | 5,2 | 179 | | CVP | 112 | 1,1 | 18% | 91,8 | 133 | 179 | 176 | 98% |
| (1) Coagulometer | | 112 | 4,8 | 4,3 | 10 | 0 | | | | | | | 10 | | |
| (4) Chromogenous substrat | | 112 | 5,9 | 5,3 | 167 | 0 | | | | | | | 167 | | |
| Other | | | | | 2 | 2 | | | | | | | 2 | | |
| | | | | | | | | 2x 0 | | | | | | | |
| (172) Prothrombin test (INR) | | | | | 325 | | | | | | | 325 | 313 | 96% | |
| Samples and groups | [-] | | | | | | | | | | | | | | |
| Sample A | | 2,93 | 0,30 | 10 | 325 | | CVP | 2,93 | 0,041 | 20% | 2,34 | 3,52 | 325 | 315 | 97% |
| (1) Coagulometr (trom. human plac.) | | 2,99 | 0,21 | 6,9 | 185 | 0 | | | | | | | 185 | | |

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| Test | [unit] | RoM | SD | CV [%] | N _{tot} | N _{out} | Comparability | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|------------------|------------------|---------------|-----------------|------------------|-----|-------|------------------|------------------|------------------|------|
| | | | | | | | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} | |
| (172) Prothrombin test (INR) | | | | | 325 | | | | | | | 325 | 313 | 96% | |
| Samples and groups | [-] | | | | | | | | | | | | | | |
| Sample A | | 2,93 | 0,30 | 10 | 325 | | CVP | 2,93 | 0,041 | 20% | 2,34 | 3,52 | 325 | 315 | 97% |
| (1) Coagulometr (trom. human rec.) | | 2,61 | 0,27 | 10 | 64 | 0 | | | | | | | 64 | | |
| (2) Coagulometr (trom. human rec.) | | 3,02 | 0,34 | 11 | 75 | 0 | | | | | | | 75 | | |
| (3) Coagulometr (trom. rabbit br.) | | | | | 1 | 0 | | | | | | | 1 | | |
| Other | | | | | | | | | | | | | | | |
| Sample B | | 0,992 | 0,049 | 4,9 | 325 | | CVP | 0,992 | ,0066 | 20% | 0,793 | 1,2 | 325 | 321 | 99% |
| (1) Coagulometr (trom. human plac.) | | 0,992 | 0,044 | 4,5 | 185 | 0 | | | | | | | 185 | | |
| (2) Coagulometr (trom. human rec.) | | 0,999 | 0,046 | 4,6 | 64 | 0 | | | | | | | 64 | | |
| (3) Coagulometr (trom. rabbit br.) | | 0,985 | 0,062 | 6,3 | 75 | 0 | | | | | | | 75 | | |
| Other | | | | | 1 | 0 | | | | | | | 1 | | |
| (179) Prothrombin test (ratio) | | | | | 322 | | | | | | | | 322 | 307 | 95% |
| Samples and groups | [-] | | | | | | | | | | | | | | |
| Sample A | | 2,82 | 0,34 | 12 | 322 | | CVP | 2,82 | 0,046 | 20% | 2,25 | 3,39 | 322 | 308 | 96% |
| (1) Coagulometr (trom. human plac.) | | 2,99 | 0,21 | 6,9 | 184 | 1 | | | | | | | 184 | | |
| (2) Coagulometr (trom. human rec.) | | 2,63 | 0,36 | 14 | 64 | 0 | | | | | | | 64 | | |
| (3) Coagulometr (trom. rabbit br.) | | 2,56 | 0,25 | 9,8 | 74 | 0 | | | | | | | 74 | | |
| Sample B | | 0,991 | 0,048 | 4,8 | 322 | | CVP | 0,991 | ,0065 | 20% | 0,792 | 1,19 | 322 | 321 | 100% |
| (1) Coagulometr (trom. human plac.) | | 0,990 | 0,044 | 4,5 | 184 | 0 | | | | | | | 184 | | |
| (2) Coagulometr (trom. human rec.) | | 0,998 | 0,045 | 4,5 | 64 | 0 | | | | | | | 64 | | |
| (3) Coagulometr (trom. rabbit br.) | | 0,991 | 0,061 | 6,2 | 74 | 0 | | | | | | | 74 | | |

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End of report

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