| Lab | N samples | N results used | IP CV (%) Singlicate Series 1 | IP CV (%) Singlicate Series 2 | IP CV (%) Intraplate duplicate | IP CV (%) Interplate duplicate |
|---|---|---|---|---|---|---|
| 1 | 9 | 144 | 31,6 | 34,4 | 31,5 | 30,9 |
| 2 | 8 | 128 | 24,7 | 27,8 | 25,6 | 16,8 |
| 3 | 9 | 144 | 20,3 | 15,5 | 16,7 | 14,5 |
| 4 | 9 | 144 | 34,4 | 34,6 | 31,4 | 30,7 |
| 5 | 9 | 72 | 19,6 | 16,1 | 16,5 | 16,2 |
| 6 | 9 | 144 | 7,7 | 7,6 | 6,7 | 6,6 |

**Table S2**. Overall Intermediate Precision (IP) %CV for singleton and duplicate testing of samples. A mixed procedure of SAS and two-way-ANOVA, with the sample and the run as random factors, was performed on $\log_{10}$-transformed titres in order to calculate the overall precision for singleton and duplicate testing of sera samples. IP was calculated for each lab with results calculated from a single measurement (Singlicate series 1 or Singlicate series 2), results calculated with the two measurements on the same plate (Intraplate duplicate) or results calculated with the two measurements of the two series of plates (Interplate duplicate).