

# ERRATUM

*J Forensic Sci*, January 2012, Vol. 57, No. 1  
 doi: 10.1111/j.1556-4029.2011.01939.x  
 Available online at: [onlinelibrary.wiley.com](http://onlinelibrary.wiley.com)

**REFERENCE:** Barbisin M, Fang R, O’Shea CE, Calandro LM, Furtado MR, Shewale JG. Developmental validation of the Quantifiler® Duo DNA Quantification kit for simultaneous quantification of total human and human male DNA and detection of PCR inhibitors in biological samples. *J Forensic Sci* 2009;54:305–19.

Sir,

With regard to the above-referenced publication, we would like to inform you that the 95% confidence interval (CI) values in Table 3 were incorrectly calculated because of a typographical error in the formula for calculating CI values in the Excel file. It is important to note that the experimentally determined values for mean quantity and standard deviation (SD) reported in the original table are correct. The corrected Table 3 is presented here:

TABLE 3—*Reproducibility study: measured and expected quantities, SD and 95% CI for four male and one female DNA samples across three consecutive runs.*

| Sample | Sample dilution (ng/μL) | SRY                   |       |                   | RPPH1                 |       |                   | IPC            |       |                   |
|--------|-------------------------|-----------------------|-------|-------------------|-----------------------|-------|-------------------|----------------|-------|-------------------|
|        |                         | Mean quantity (ng/μL) | SD    | 95% CI (±percent) | Mean quantity (ng/μL) | SD    | 95% CI (±percent) | C <sub>T</sub> | SD    | 95% CI (±percent) |
| A      | 20                      | 20.10                 | 1.051 | 10.46             | 21.15                 | 0.804 | 7.60              | 29.70          | 0.037 | 0.25              |
|        | 10                      | 8.98                  | 0.400 | 8.91              | 9.11                  | 0.341 | 7.49              | 29.73          | 0.034 | 0.23              |
|        | 1                       | 0.85                  | 0.109 | 25.65             | 0.87                  | 0.051 | 11.72             | 29.92          | 0.034 | 0.23              |
|        | 0.10                    | 0.08                  | 0.007 | 17.50             | 0.09                  | 0.015 | 33.33             | 29.97          | 0.039 | 0.26              |
|        | 0.05                    | 0.05                  | 0.028 | 112.00            | 0.04                  | 0.002 | 10.00             | 30.00          | 0.032 | 0.21              |
| B      | 20                      | 23.09                 | 2.219 | 19.22             | 24.36                 | 1.656 | 13.60             | 29.79          | 0.038 | 0.26              |
|        | 10                      | 11.22                 | 0.485 | 8.65              | 11.49                 | 0.529 | 9.21              | 29.77          | 0.046 | 0.31              |
|        | 1                       | 1.15                  | 0.142 | 27.40             | 1.14                  | 0.083 | 14.56             | 29.89          | 0.030 | 0.20              |
|        | 0.10                    | 0.11                  | 0.013 | 23.64             | 0.10                  | 0.008 | 16.00             | 29.98          | 0.040 | 0.27              |
|        | 0.05                    | 0.05                  | 0.015 | 60.00             | 0.06                  | 0.007 | 23.33             | 29.98          | 0.012 | 0.08              |
| C      | 20                      | 23.11                 | 0.821 | 7.11              | 22.51                 | 0.294 | 2.61              | 29.62          | 0.055 | 0.37              |
|        | 10                      | 9.25                  | 0.601 | 12.99             | 8.72                  | 0.562 | 12.89             | 29.67          | 0.053 | 0.36              |
|        | 1                       | 0.89                  | 0.039 | 8.76              | 0.82                  | 0.027 | 6.59              | 29.81          | 0.057 | 0.38              |
|        | 0.10                    | 0.11                  | 0.027 | 49.09             | 0.10                  | 0.008 | 16.00             | 29.89          | 0.053 | 0.35              |
|        | 0.05                    | 0.04                  | 0.020 | 100.00            | 0.04                  | 0.008 | 40.00             | 29.81          | 0.047 | 0.32              |
| D      | 20                      | 26.49                 | 2.116 | 15.98             | 27.28                 | 1.835 | 13.45             | 29.90          | 0.106 | 0.71              |
|        | 10                      | 13.09                 | 0.596 | 9.11              | 13.26                 | 0.261 | 3.94              | 29.87          | 0.028 | 0.19              |
|        | 1                       | 1.26                  | 0.136 | 21.59             | 1.22                  | 0.081 | 13.28             | 29.76          | 0.055 | 0.37              |
|        | 0.10                    | 0.12                  | 0.032 | 53.33             | 0.12                  | 0.008 | 13.33             | 30.02          | 0.034 | 0.23              |
|        | 0.05                    | 0.07                  | 0.021 | 60.00             | 0.06                  | 0.006 | 20.00             | 29.97          | 0.042 | 0.28              |
| E      | 20                      | Women                 | –     | –                 | 24.91                 | 0.586 | 4.70              | 29.97          | 0.023 | 0.15              |
|        | 10                      | Women                 | –     | –                 | 12.11                 | 0.486 | 8.03              | 29.87          | 0.007 | 0.05              |
|        | 1                       | Women                 | –     | –                 | 1.14                  | 0.049 | 8.60              | 29.77          | 0.018 | 0.12              |
|        | 0.10                    | Women                 | –     | –                 | 0.12                  | 0.016 | 26.67             | 29.73          | 0.089 | 0.60              |
|        | 0.05                    | Women                 | –     | –                 | 0.06                  | 0.008 | 26.67             | 29.71          | 0.047 | 0.32              |

IPC, internal positive control; SRY, sex-determining region Y; RPPH1, ribonuclease P RNA component H1.  
 Revised August 12, 2011

The text on p. 310, left column, lines 10 to 11 will change to “The average 95% CI is ±14.54% and ±32.43% for the human and the male target, respectively.”

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