

Month/Day/Year

To whom it may concern,

The validation of the following cell line that was previously provided to the user, Dr.????, was performed:

Cell Name: ???? (RCB ????)

Mycoplasma infection:

Vero cells were cultured for 5 days in the presence of the culture supernatant of the cell line that the user has sent to us. The cultured Vero cells were stained with Hoechst 33258 for DNA staining, and no extra-nuclear DNA staining was detected indicating that the presence of mycoplasma in the culture supernatant of the cell line was below the detection level.

Misidentification:

The short tandem repeat (STR) polymorphism analysis (see references 1, 2) was performed using the DNA extracted from the cells that the user has sent to us. The results of STR polymorphism analysis were completely identical to those of the original cell line that was previously provided to the user.

References

1. Masters, J.R., Thomson, J.A., Daly-Burns, B. *et al.* (2001) Short tandem repeat profiling provides an international reference standard for human cell lines. *Proc Natl Acad Sci USA* **98**: 8012–8017.
2. Yoshino, K., Iimura, E., Saijo, K., *et al.* (2006) Essential role for gene profiling analysis in the authentication of human cell lines. *Hum Cell* **19**: 43-48.

(sign)

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