

Month Day, Year

To whom it may concern,

Upon the request of Dr. xxxxxx we performed quality inspection of the following cell line(s).

Cell Name: yyyyyy

Mycoplasma infection:

Vero cells were cultured for 5 days in the presence of culture supernatant of the inspected cell line. 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 culture supernatant of the inspected 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 inspected cells. The results of STR polymorphism analysis were identical to those of the original cell line.

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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