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2005-03-23
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vacciniavirus efficacy of septLIQUID PLUS in a quantitative suspension test at 20°C

EXPERT OPINION

The virus-inactivating properties of the hand disinfectant septLIQUID PLUS of Hagleitner Hygiene International GmbH against vacciniavirus strain Elstree were investigated by a quantitative suspension test published as a guideline of the Bundesgesundheitsamt (BGA, now Robert Koch-Institut) and the Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten e.V. (DVV, German Association for the Control of Virus Diseases). According to this suspension test, a disinfectant or a disinfectant solution at a particular concentration is considered as having virucidal efficacy if within the recommended exposure period the titre is reduced by 4 logs₁₀.

septLIQUID PLUS was examined as 96.0% solution at 20°C ± 0.5°C. The exposure times were 0.5, 1.0, 2.0 and 5.0 minutes. After an exposure time of 30 seconds virus reduction exceeded 4 log₁₀-steps in all assays. Therefore, it can be recommended to use the hand disinfectant septLIQUID PLUS for the inactivation of vacciniavirus as follows:

undiluted 30 sec.



Dr. J. Steinmann