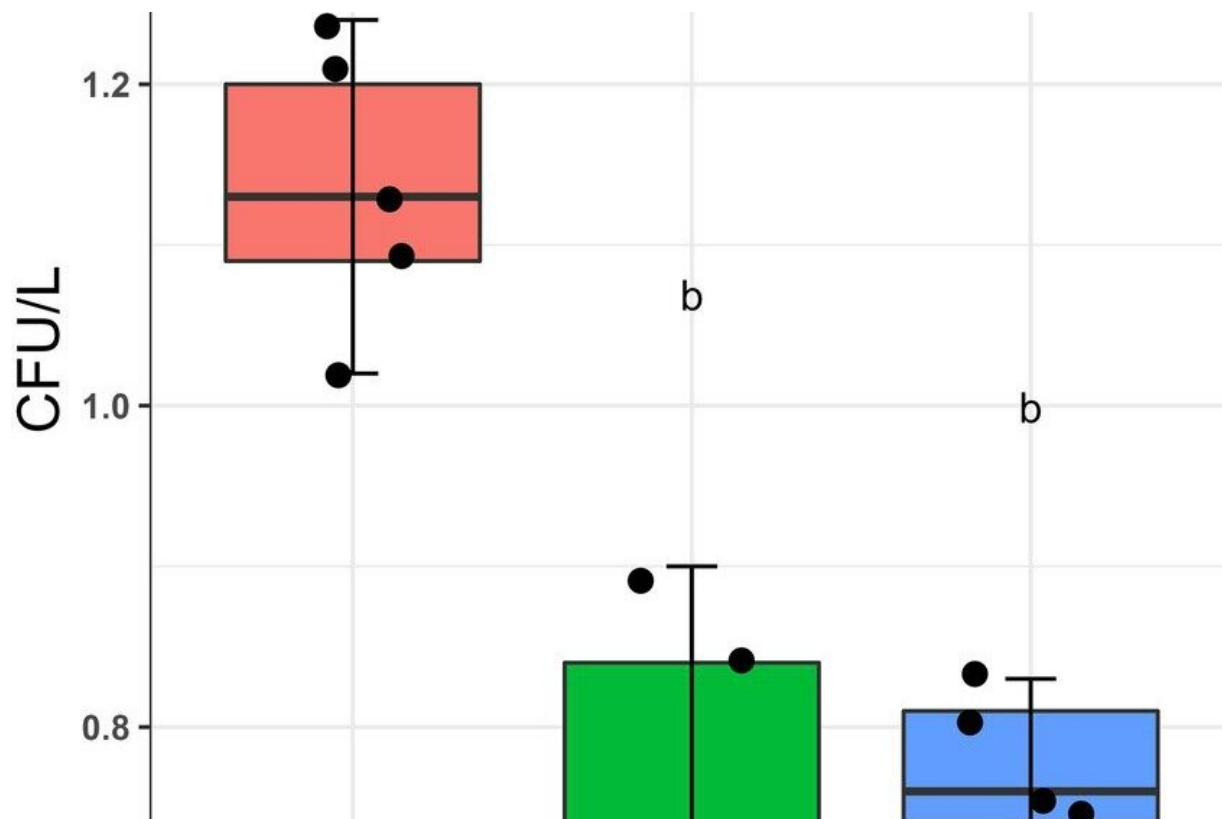


Water tests may fail to detect Legionella

February 21 2023



Effect of sampling processing methods (ISO11731:2017-05) on *L. pneumophila* culturability. *L. pneumophila* spiked water samples were membrane filtered (no pre-treatment used as control), followed by heat (50°C/30 min) and acid (KCl-HCl with pH 2.2/5 min) pre-treatment method. These pretreatment methods transformed $\approx 30\%$ culturable *Legionella* into a non-culturable state. Data are the mean with standard deviation of five replicates, while the same letter within the same treatment is statistically similar according to Tukey's HSD test (p

Citation: Water tests may fail to detect Legionella (2023, February 21) retrieved 27 April 2024 from <https://phys.org/news/2023-02-legionella.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.