

WELCOME

Welcome to the Boost Labsales newsletter. We are always looking at ways of improving our customer service to you so we hope you will find the news, tips and product reviews useful. We always welcome feedback so please feel free to get in touch with us at enquiries@boostlabcare.co.uk

The Inlabtec Serial Dilutor is the latest product to join our portfolio. Having been shortlisted in the S-Lab awards "BEST NEW PRODUCT" category, this instrument is a real benefit to any laboratory undertaking regular serial dilutions.

- Integrates dispensing and mixing in a single step
- Accurate Results
- Easier, faster and safer
- Compact bench top footprint
- Easy installation and cleaning
- High build quality - Swiss Made
- Volume checkable before each dispense
- Ergonomic and intrinsically safe work process

Boost Labsales are UK distributors for Inlabtec.

PRODUCT FEATURE



New: Inlabtec Serial Dilution System.
Faster and up to ten times less expensive than serial dilutions using test tubes.

Thank you to everyone who took part in our Rugby World Cup 2015 Sweepstake.



Congratulations to the Winner of the competition, **Linda James at MGS Laboratories**, who has won a Tom Tom. The runner up prize goes to **Sam Shah at MS Laboratories** who has won £50 shopping vouchers.



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- Cleaner, Faster, Safer
- State of the Art Connectivity
- 22 Different Spiral Distributions
- Free from Cross-Contamination

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Technical Support
We pride ourselves on our high level of technical excellence.
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LAB COAT STYLES



PRIM AND PROPER
I AM... A SCIENTIST!



TOO COOL
(TO USE THE
BUTTONS)



BACKWARDS
ODD, BUT... KINDA
MAKES SENSE?



WRONG SIZE
THEY ONLY HAD MEN
SIZES AVAILABLE.

“Tech Talk”



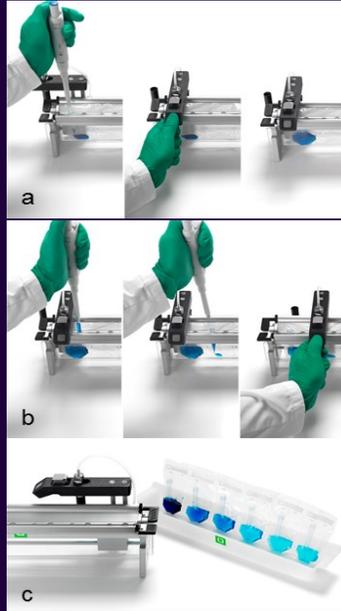
Boost Labsales
Laboratory Equipment



Serial Dilutions in Cost Effective Single-Use Sterile Bags

Although simple and reliable, the standard plate count method for viable cell counting is very time-consuming in its preparation and execution. Large amounts of test tubes have to be cleaned, filled, sealed and sterilised each time before they can be used, consuming a lot of time, energy, water and space. The fast execution of the test tube method also requires manual skills and can cause in routine physical discomfort or pain known as repetitive strain injury (RSI).

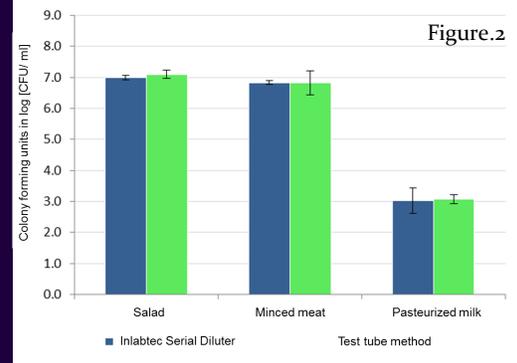
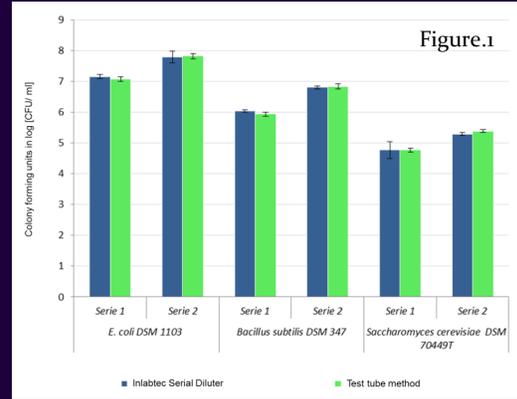
Rather than going through the labour intensive process of preparing test tubes, users can now benefit from the sterile, single-use PE bags. The sample is simply added to the bags (a) and sterile diluent is added by pressing a button of the Serial Diluter (b). The manual mixing of each test tube with a mixer/vortexer is thus completely eliminated. After finishing sample dilution and plating, the used bags are removed from the Serial Diluter and disposed, eliminating the need for test tubes (c).



Comparisons of the Inlabtec dilution against the classical test tube method according to the international standard ISO 6887- 1: 1992 were

done in collaboration with the Zurich University of Applied Sciences (ZHAW), Institute of Food and Beverage Innovation and supported by the Swiss Commission for Technology and Innovation (CTI). For the verification of the dilution methods ZHAW scientists used overnight cultures of bacterial strains and determined the count of aerobic mesophilic bacteria in salad, milk and minced meat. The results are shown in Figure 1 and the results of the foodstuffs in Figure 2. The results by both methods are equal and within the standard measurement uncertainty of $\pm 0.5 \log_{10}$. Therefore, it can be concluded that the results obtained by using the Inlabtec Serial Diluter are equal to the results obtained by the standard test tube method.

To read the full article or for more information, please contact us for details.



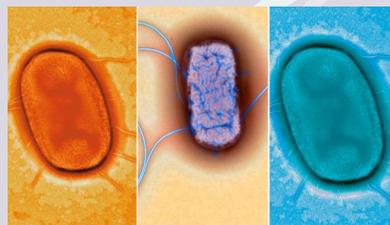
IN THE NEWS

New test to find source of Dorset E. coli O55

A new test is being developed in a bid to trace the source of a potentially deadly E. coli strain found in Dorset. Scientists are devising the new ultra-sensitive test to detect the O55 strain which had never previously been found in an outbreak in the UK. It is hoped the test will be ready for use on animals in the new year.

It first broke out in July 2014, hospitalising two children with acute kidney problems and has since caused outbreaks of infectious diarrhoea. Despite an investigation, tests and screening, the source of the strain, which produces a toxin that can lead to fatal kidney failure, has never been traced. To date the O55 strain has affected 30 people, 10 of them children in areas including Bournemouth, Poole, Weymouth, Blandford and Christchurch. The new test is being worked on by scientists at the Animal and Plant Health Agency (APHA), using microscopic magnetic beads which picks out the E. coli O55.

Source:BBC News



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