



bioquell
An Ecolab Solution

BIOQUELL ISOLATOR CI

RAPID READ 6 LOG₁₀ CHEMICAL INDICATORS FOR BIOQUELL
BIO-DECONTAMINATION EQUIPMENT AND ROOMS LESS THAN 10m³

The size of a business card, the Bioquell Isolator CI is a chemical indicator (CI) used in enclosed equipment and small rooms that gives an immediate indication of the success (6 log₁₀) of a hydrogen peroxide vapour decontamination cycle.

Place one or multiple indicators in the desired locations in the enclosed equipment or small room to be decontaminated to see your expected results in real-time. A colour changing strip is printed on the CI using a reactive ink specifically tailored for monitoring the Bioquell bio-decontamination process. The ink reacts by changing colour when exposed to the vapour, allowing you to see the results as they occur.

After a cycle is complete, in order to determine the expected cycle efficacy, simply compare the reactive colour strip to the static colour reference strip printed directly above it on each card. Results achieved can be correlated to a 6 log₁₀ bio-decontamination.



SIMPLE SETUP. EASY TO READ. REAL-TIME RESULTS

The Bioquell Isolator CI can be read immediately upon recovery from the enclosed equipment or room following a hydrogen peroxide vapour bio-decontamination cycle. No additional steps are required, and the level of expected bioburden reduction is readily apparent on the card giving a truly instant result.



VERIFICATION VALIDATED AGAINST HIGH STANDARDS

You have an instant quantitative result you can trust. Bioquell Isolator CI is calibrated against 6 log₁₀ *Geobacillus stearothermophilus* biological indicators ("BIs"). This means the expected efficacy displayed on the Bioquell Isolator CI can be confirmed by using Bioquell BIs during the same cycle and subsequently confirming the results after the BI's seven-day incubation period.

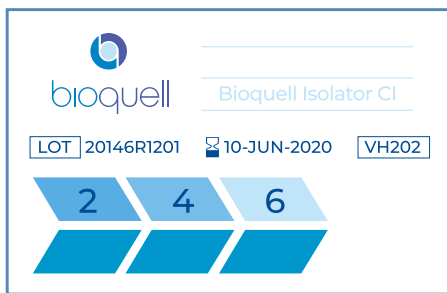


PROCESS ASSURANCE

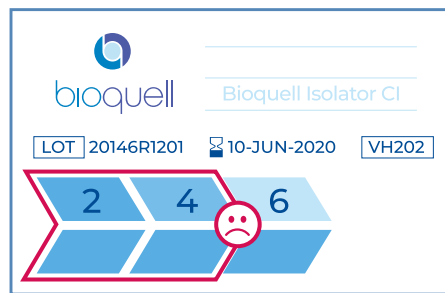
Using Bioquell Isolator CIs in every key cycle provides additional assurance of a successful bio-decontamination cycle in a cost-effective manner when compared to other options such as BIs or Enzyme Indicators (EIs). This gives you confidence to immediately continue with process operations and eliminates unnecessary downtime.

A QUICK LOOK AT THE STAGES OF THE BIOQUELL ISOLATOR CI:

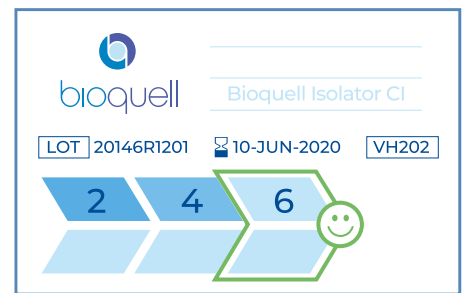
The Bioquell Isolator CI from start to a greater than 6 log₁₀ bioburden reduction:



1 The Bioquell Isolator CI without any exposure to hydrogen peroxide vapour.



2 Here you see the colour change achieved is less than 6 log₁₀ kill.



3 A 6 log₁₀ kill is seen as the colour on the bottom matches (or is lighter) than the reference strip above.

APPLICATIONS:

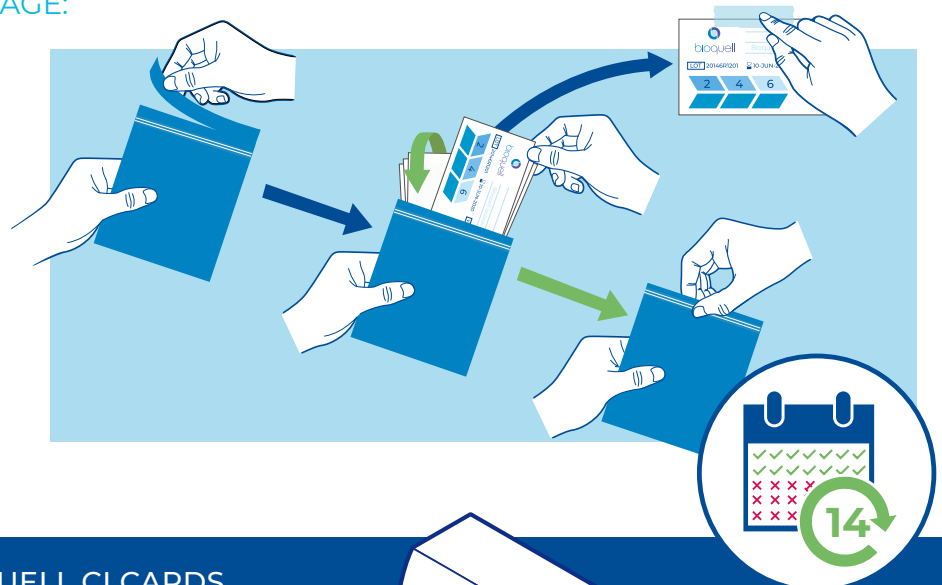
Quickly and easily see an indication of enclosed equipment or small room decontamination success in:

- Isolators
- Filling Lines
- Pass-throughs
- MALs
- Biopharmaceutical manufacturing areas
- Bio-safety labs of all levels
- GMP/GLP Laboratories
- Animal facilities

QUICK SETUP AND SIMPLE STORAGE:

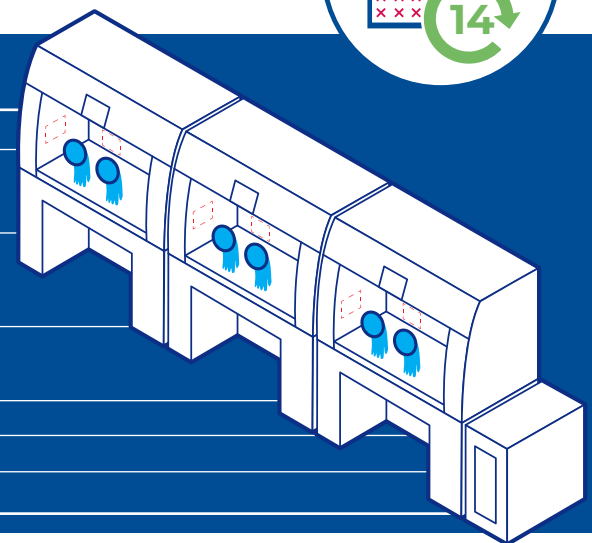
Place your Bioquell Isolator CIs in various locations within the target zone prior to running a cycle, holding them in place with a piece of tape.

- If possible, place the cards in locations visible from outside the enclosed equipment or small room to see real-time results as the Bioquell bio-decontamination cycle progresses.
- Store all remaining CIs and use within 14 days of opening.
- Run a Bioquell bio-decontamination cycle.
- Retrieve and review each card. Bioquell always aims for a 6 log₁₀ or greater result.



GET TECHNICAL WITH THE BIOQUELL CI CARDS

Packaging Contents	
Unit Description	Exterior Package is resealable self-standing pouch Hosted inside are resealable foil wallets, and instruction leaflet Each resealable foil wallet contains 20 chemical indicator cards
Storage	Shelf life of 9 months Storage temperature limits of 2°C to 8°C (35°F to 46°F). Contact your local Bioquell representative for details on temperature excursions. Cards within resealed foil wallets must be used within 14 days of opening
Dimensions (WxHxD)	100 units, packaged is 267 x 148 x 49mm (10.5 x 5.8 x 1.9in) 20 units, packaged is 106 x 158 x 8mm (4.2 x 6.2 x .3in) Individual card (WxH) is 85 x 55mm (3.35 x 2.17in)
Unit Weight	100 units, packaged is 0.200kg (.44lb)
Reference	6 log ₁₀ bioburden reduction (<i>C. Stearothermophilus</i>)
Volume	maximum 10m ³ / 350ft ³



UK Headquarters

Bioquell UK Ltd
E: enquiries@bioquell.com
W: www.bioquell.com
T: +44 (0)1264 835 835

Global

The Americas
Bioquell Inc
T: +1 215 682 0225
France
Bioquell SAS
T: +33 (0)1 43 78 15 94

Germany
Bioquell GmbH
T: +49 (0) 221 168 996 74

Ireland
Bioquell Ireland
T: +353 (0)61 603 622

China
Bioquell Shenzhen Technology Company Ltd
T: +86 755 8635 2622

Singapore
Bioquell Asia Pacific Pte Ltd
T: +65 6592 5145



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