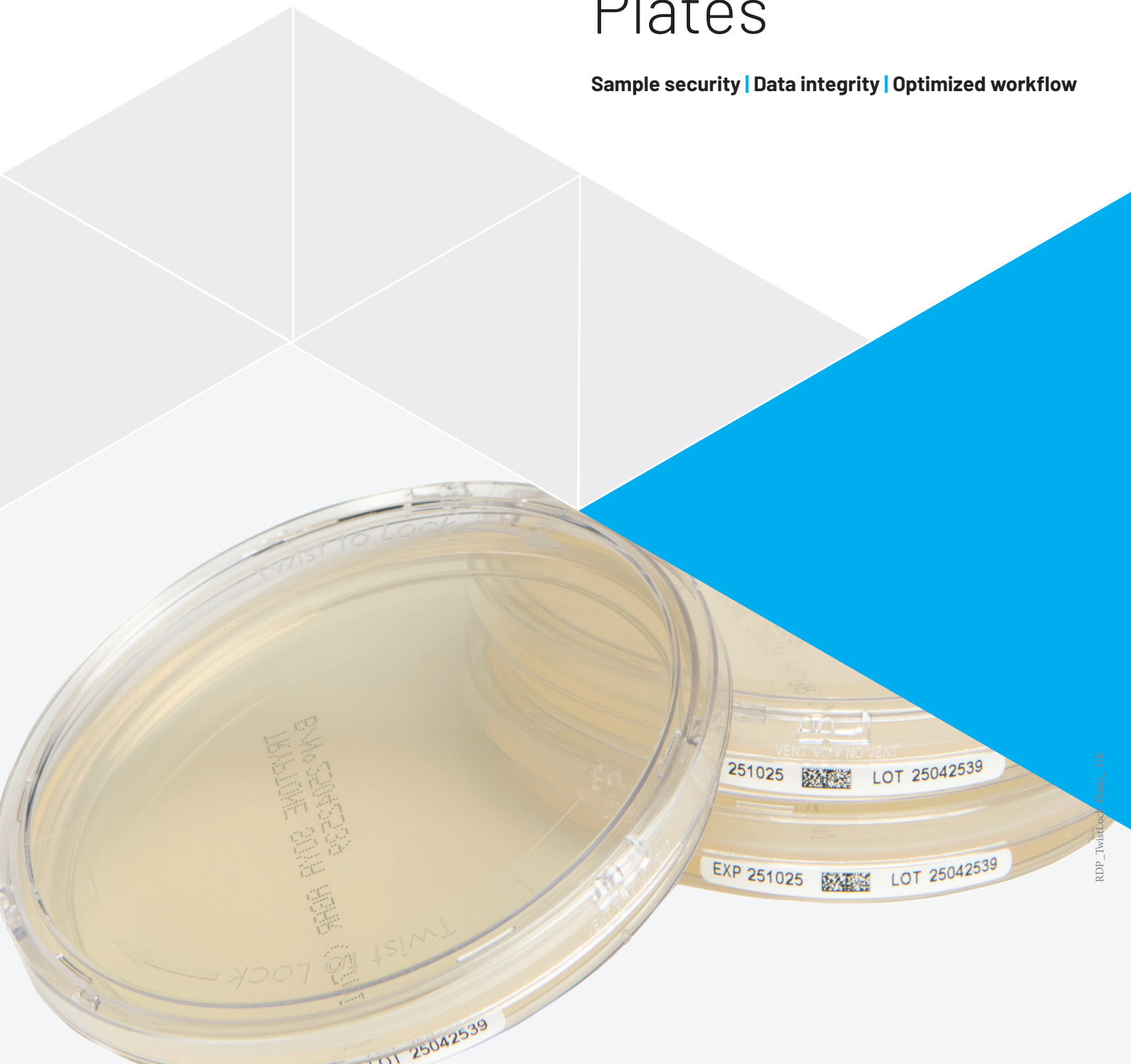


Prepared Media in TwistLock Plates

Sample security | Data integrity | Optimized workflow



Features & Benefits

Redipor® TwistLock prepared media, is available from **AnalytiChem UK** (formerly Cherwell Laboratories). The range comprises VHP impermeable Barrier Pack and irradiated products in a variety of formulations and packaging options.

Benefits of TwistLock

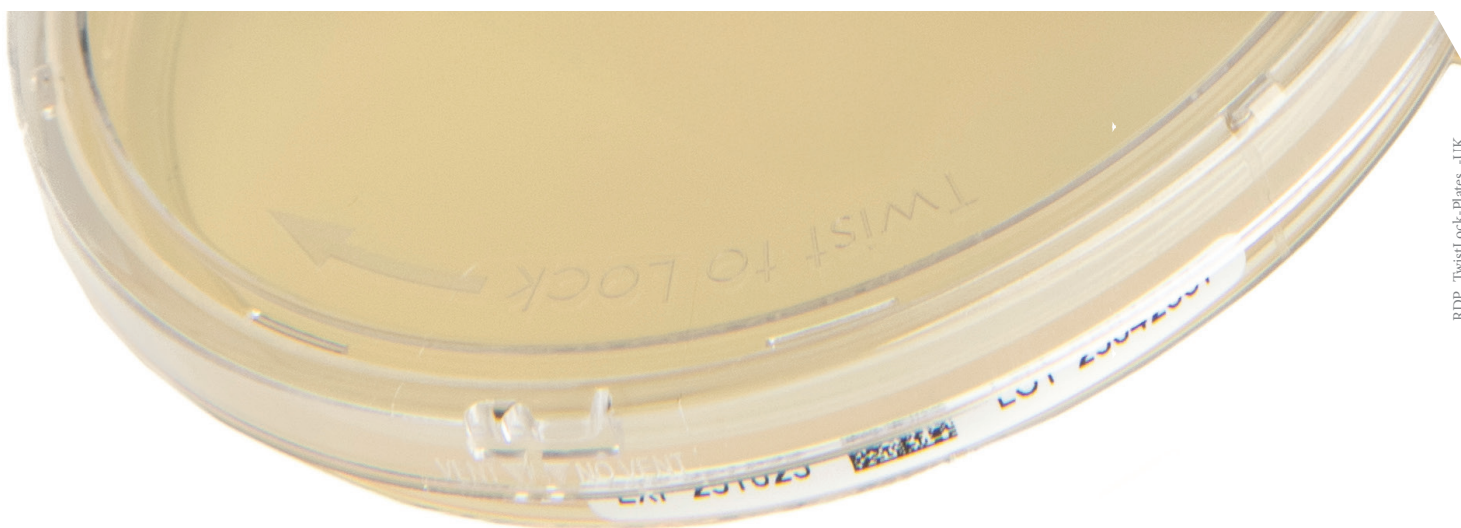
TwistLock plates offer three core benefits:

- ▶ Sample security
- ▶ Data integrity
- ▶ Optimized workflow

The TwistLock mechanism provides a secure closure to avoid accidental opening post-sampling, minimizing the risk of contamination during handling, transport, and storage. This significantly reduces the risk of accidental exposure of samples, false positive results, and the need for costly and time-consuming resampling.

GS1 DataMatrix codes integrate with LIMS, and enable convenient, error-free traceability throughout your workflow. GS1 DataMatrix codes are positioned on the side of TwistLock plates. This enables easier, faster scanning than standard plates, which have codes located on the base. Positioning of the GS1 DataMatrix codes on the side of TwistLock plates also means they are compatible with automated colony counters.

In addition to these core benefits, the inherent stability of TwistLock plates design means they are more easily transported, stacked, and stored than standard plates. This reduces handling errors and saves time, further increasing efficiency.



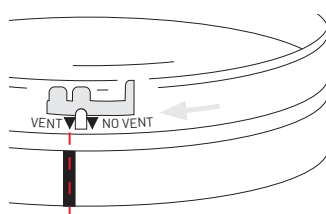


How to Use TwistLock

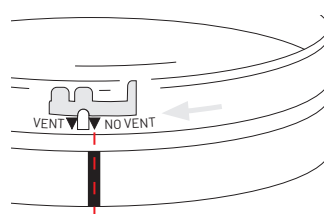
To activate the TwistLock mechanism, simply rotate the lid clockwise. Petri and contact plates have specific features.

Petri plates (9 cm)

Locking position 1: vented



Locking position 2: non-vented



Although possible, repeated locking/unlocking from position 1 is not advised, as this will compromise the integrity of the locking mechanism.



Unlocking from position 2 is not recommended.

Contact Plates

TwistLock contact plates have a single locking position.



VHP-impermeable Barrier Pack TwistLock Plates

Vaporized hydrogen peroxide (VHP) is increasingly used by pharmaceutical producers to decontaminate spaces such as isolator cabinets, RABs and even complete rooms.

This provides enhanced safety without compromising efficacy, but it is important to ensure the sterilant does not come into contact with the agar in environmental monitoring plates.

The Redipor TwistLock Barrier Pack range comprises irradiated products sealed in a VHP-impermeable layer, for use in environments where VHP is deployed.

Plates are poured aseptically on our automated filling lines, and conditioned at room temperature. Every plate is individually inspected before being sealed into a transparent, VHP-impermeable bag. They are then over-bagged with polythene, sealed, packed in lined boxes, the box is sealed, and the entire package is then irradiated.

Every batch of plates undergoes growth promotion testing after irradiation, and the results certified.

Packaging Benefits

- ▶ Easy-open Triple-wrap as standard
- ▶ Barrier Pack film tears easily, allowing quick, convenient access
- ▶ Clear labeling helps avoid costly mix-ups between product ranges

Our VHP barrier packs feature an aperture at the top, which enables sleeves to be hung for the VHP decontamination process. This ensures full exposure of the Barrier Pack's outer layers to VHP, while keeping the media protected.

Barrier Pack VHP Testing

Using H₂O₂ detectors with <1ppm sensitivity, no H₂O₂ was detected inside Redipor Barrier Packs, even after repeated exposure cycles peaking at 927 ppm.





Irradiated TwistLock Plates

Redipor irradiated media products offer flexibility, convenience and assurance in a wide range of applications. These include:

- ▶ Environmental monitoring in bio-pharmaceutical environments and manufacturing facilities
- ▶ General, non-clinical/diagnostic research and development
- ▶ Validation of operators' aseptic techniques

Gamma irradiation sterilizes both the prepared media and the sealed environment within the packaging.

Media types such as TSA or SDA – with or without neutralizers – are stable following the gamma-irradiation process.

The product is sterilized in its final packaging. It is not handled post-sterilization, enhancing sterility assurance and minimizing the risk of contamination. This provides confidence in both quality and results.

Formulations, Packaging and Fill Volumes

Six Redipor variants are available in TwistLock plates as standard:

- | | |
|---------------------------------|----------------------------------|
| ▶ Tryptone Soya Agar (TSA) | ▶ SDA with Neutralizer 4 |
| ▶ Sabouraud Dextrose Agar (SDA) | ▶ TSA with Lecithin and Tween 80 |
| ▶ TSA with Neutralizer 4 | ▶ SDA with Lecithin and Tween 80 |

If you require a formulation, fill volume, packaging format or combination, we'll work in partnership with you to deliver a custom product that meets your specific requirements.

Storage of Redipor TwistLock Plates



Store in ambient conditions, away from direct heat sources and sunlight, and avoiding temperature fluctuations.

Irradiation of Redipor prepared media extends shelf-life, typically up to six months in ambient storage conditions.

Reliable, Adaptable, Partnership

To learn more about TwistLock plates, or to discuss your unique formulation or packaging requirements, contact our team.





Technical Data

Product Specifications

Product Types

Redipor Barrier Pack Irradiated Petri dishes and Contact plates.

Packaging

Triple wrap, EVOH Barrier film, polyethylene bag and polythene bag per sleeve, polythene bag around multiple sleeves.



Ordering Information

The following products are available from **AnalytiChem UK** prepared media. If you require a different formulation, fill volume or packaging format, contact sales.uk@analytichem.com to discuss your unique requirements.

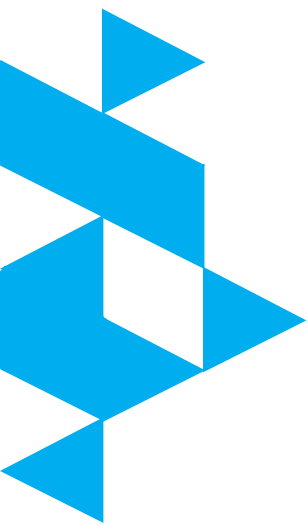
For availability outside the UK, visit our [website](#) or contact info@analytichem.com to learn which Redipor TwistLock products are offered in your country.

Petri Dishes

Description		Quantity	Part Number
Irradiated Tryptone Soya Agar, 27 mL fill	TSA	150 (15 x 10)	5.0882
Irradiated Tryptone Soya 1.6% Agar + 0.07% Lecithin + 0.5% Tween 80, 27 mL fill		150 (15 x 10)	5.0874
Irradiated Tryptone Soya 1.6% Agar + Neutralizer No.4, 27 mL fill		150 (15 x 10)	5.0878
Irradiated Sabouraud Dextrose Agar, 27 mL fill	SDA	150 (15 x 10)	5.0884
Irradiated Sabouraud Dextrose 1.6% Agar + 0.07% Lecithin + 0.5% Tween 80, 27 mL fill		150 (15 x 10)	5.0876
Irradiated Sabouraud Dextrose 1.6% Agar + Neutralizer No.4, 27 mL fill		150 (15 x 10)	5.0880

Contact Plates

Description		Quantity	Part Number
Irradiated Tryptone Soya Agar	TSA	100 (10 x 10)	5.0888
Irradiated Tryptone Soya 1.6% Agar + 0.07% Lecithin + 0.5% Tween 80		100 (10 x 10)	5.0891
Irradiated Tryptone Soya 1.6% Agar + Neutralizer No.4		100 (10 x 10)	5.0895
Irradiated Sabouraud Dextrose Agar	SDA	100 (10 x 10)	5.0899
Irradiated Sabouraud Dextrose 1.6% Agar + 0.07% Lecithin + 0.5% Tween 80		100 (10 x 10)	5.0893
Irradiated Sabouraud Dextrose 1.6% Agar + Neutralizer No.4		100 (10 x 10)	5.0897



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Terms & Conditions

We reserve the right to amend specifications without notice.
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