Thermo Scientific Prepared Media Biplate Selection Guide

For improved workflow efficiency across manual and automated methods
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Expedite your workflow and reduce waste with Thermo Scientific Oxoid and Thermo Scientific Brilliance agar biplates

Clinical laboratories worldwide are increasingly challenged to provide fast, actionable results while operating under staff, space and budget constraints. Boost your laboratory’s productivity and speed critical results to clinicians while reducing waste, storage space, hands-on time and confirmatory tests with Thermo Scientific™ Oxoid™ and Thermo Scientific™ Brilliance™ agar biplates. Whether your laboratory workflow involves manual or automated testing or both, simplify your workflow and double your output with our wide range of biplates.

“Pressure is there, especially headcount pressure. More and more samples are to be processed with fewer people…Now, instead of having two plates, a CNA plate to isolate Gram positive bacteria and a group B strep plate, we have one, so we are producing half of the waste, half the storage…which helps us a lot with reducing costs.”

- Shelley Bray and Gloria Anagbado,
  St. George’s Hospital, UK
More efficient testing with biplates

- Request/Sample
- Streaking
- Incubation
- Confirmation
- Reporting

50% more cold storage space
50% less hands on time
50% more incubator space
50% less confirmatory tests
50% more automated processing samples
50% less media waste
Rigorous quality built into every step, confidence in every result

Our culture media expertise and rigorous quality standards have made us a preferred supplier and trusted source for prepared media to laboratories around the world. With full traceability of our manufacturing processes from raw material to final biplate, you can rest assured knowing the Thermo Scientific culture media that reaches your benchtop will provide optimal recovery and differentiation of organisms, for greater confidence in your results.

- Combined 150 years of prepared media expertise
- Regular trend analysis to ensure product quality and availability
- Full traceability from raw material to final product, to ensure quality at every step
- Production backed by trusted accreditations, including ISO 17025 and ISO 11133, with ISO 15189 documentation for all biplates
- Water testing media includes filtration for more accurate results
### Thermo Scientific Biplates by sample type

#### Screening testing

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermo Scientific™ <em>Brilliance™</em> CRE Agar/Thermo Scientific™ <em>Brilliance™</em> ESBL Agar Biplate</td>
<td>PO1265E</td>
</tr>
<tr>
<td>Thermo Scientific™ <em>Brilliance™</em> GBS Agar/Thermo Scientific™ Oxoid™ Columbia CNA Agar Biplate</td>
<td>PB5260E</td>
</tr>
<tr>
<td>Thermo Scientific™ <em>Brilliance™</em> MRSA 2 Agar/Thermo Scientific™ <em>Brilliance™</em> Staph 24 Agar Biplate</td>
<td>PO1258E</td>
</tr>
<tr>
<td>Thermo Scientific™ <em>Brilliance™</em> MRSA 2 Agar/Thermo Scientific™ <em>Brilliance™</em> MRSA 2 Agar Biplate</td>
<td>PO1283E</td>
</tr>
<tr>
<td>Thermo Scientific™ Oxoid™ Columbia Agar with Sheep Blood PLUS/Thermo Scientific™ <em>Brilliance™</em> MRSA 2 Agar Biplate</td>
<td>PB5253E</td>
</tr>
</tbody>
</table>

#### Urine testing

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermo Scientific™ Oxoid™ Columbia Agar with Sheep Blood PLUS/Thermo Scientific™ Oxoid™ Endo Agar Biplate</td>
<td>PB5200E</td>
</tr>
<tr>
<td>Thermo Scientific™ Oxoid™ Columbia CAP Agar/Thermo Scientific™ Oxoid™ CLED Medium Biplate</td>
<td>PB1248E</td>
</tr>
<tr>
<td>Thermo Scientific™ <em>Brilliance™</em> UTI Clarity™ Agar/Thermo Scientific™ <em>Brilliance™</em> UTI Clarity™ Agar Biplate</td>
<td>PO1282E</td>
</tr>
<tr>
<td>Thermo Scientific™ <em>Brilliance™</em> UTI Agar/Thermo Scientific™ <em>Brilliance™</em> UTI Agar Biplate</td>
<td>PO1232E</td>
</tr>
<tr>
<td>Thermo Scientific™ Oxoid™ Columbia Agar with Sheep Blood PLUS/Thermo Scientific™ Oxoid™ MacConkey Agar No. 3 Biplate</td>
<td>PB5207E</td>
</tr>
</tbody>
</table>

#### Stool testing

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermo Scientific™ Oxoid™ S.S. Agar/Thermo Scientific™ Oxoid™ X.L.D. Agar Biplate</td>
<td>PO5210E</td>
</tr>
<tr>
<td>Thermo Scientific™ Oxoid™ Sorbitol MacConkey with Cefixime Tellurite Agar/Thermo Scientific™ Oxoid™ X.L.D. Agar Biplate</td>
<td>PO1222E</td>
</tr>
</tbody>
</table>
## Yeast testing

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermo Scientific™ Oxoid™ Candida Agar/Thermo Scientific™ Oxoid™ Sabouraud Glucose Selective Agar with Gentamicin and Chloramphenicol Biplate</td>
<td>PO5258E</td>
</tr>
<tr>
<td>Thermo Scientific™ Oxoid™ Sabouraud Glucose Selective Agar with Chloramphenicol Biplate</td>
<td>PB1262E</td>
</tr>
<tr>
<td>Thermo Scientific™ Oxoid™ Gardnerella vaginalis Selective Medium Biplate</td>
<td>PB5228E</td>
</tr>
</tbody>
</table>

## General testing

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermo Scientific™ Oxoid™ Columbia Agar with Sheep Blood/Thermo Scientific™ Oxoid™ Chocolate Agar with Sheep Blood Biplate</td>
<td>PB5250E</td>
</tr>
<tr>
<td>Thermo Scientific™ Oxoid™ Sabouraud Glucose Selective Agar with Sheep Blood Biplate</td>
<td>PB1241E</td>
</tr>
<tr>
<td>Thermo Scientific™ Oxoid™ Ceramic C. albicans Agar Biplate</td>
<td>PO5243E</td>
</tr>
</tbody>
</table>

## Anaerobes testing

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermo Scientific™ Oxoid™ Schaedler Agar/Thermo Scientific™ Oxoid™ Schaedler KV Agar Biplate</td>
<td>PB5204E</td>
</tr>
<tr>
<td>Thermo Scientific™ Oxoid™ A.R.I.A. Medium with 5% Horse Blood Biplate</td>
<td>PB1260E</td>
</tr>
<tr>
<td>Thermo Scientific™ Oxoid™ A.R.I.A. Medium with 5% Horse Blood and Neomycin Biplate</td>
<td>PB1268E</td>
</tr>
<tr>
<td>Thermo Scientific™ Oxoid™ F.A.A. + NAT Medium/Thermo Scientific™ Oxoid™ F.A.A. + NEO Medium Biplate</td>
<td>PB0311E</td>
</tr>
</tbody>
</table>
MDRO Screening

Expedite your screening workflow to prevent the spread of dangerous infections

When a serious illness is on the rise, every minute counts. Access to selective media that detect multidrug-resistant organisms (MDROs) on a convenient biplate format helps speed up the diagnostic process, which in turn, can help save lives.

<table>
<thead>
<tr>
<th>Testing challenges</th>
<th>Thermo Scientific biplate benefits</th>
</tr>
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<tbody>
<tr>
<td><strong>Uncertainty</strong></td>
<td><strong>Confidence</strong> Using two media increases recovery of all MDRGN organisms on one plate</td>
</tr>
<tr>
<td>Quality of collected sample may lead to false negatives</td>
<td></td>
</tr>
<tr>
<td><strong>Gram negative resistance</strong></td>
<td><strong>Efficiency</strong> Biplate media combinations increase the chance of detecting drug-resistant strains</td>
</tr>
<tr>
<td>Increasing requests for screening requires multiple media types</td>
<td></td>
</tr>
<tr>
<td><strong>Variable testing conditions</strong></td>
<td><strong>Streamlined processes</strong> Eliminate enrichment steps or confirmatory tests</td>
</tr>
<tr>
<td>Procedural differences result in more hands-on time and slower reporting</td>
<td></td>
</tr>
<tr>
<td><strong>MRSA detection</strong></td>
<td><strong>Speed</strong> <em>Brilliance</em> media biplates enable multiple tests at once</td>
</tr>
<tr>
<td>Two independent tests to confirm species and resistance</td>
<td></td>
</tr>
</tbody>
</table>
Sample Workflow

1 patient

1 biplate

2 single plates

50% less hands-on time

50% less incubator space

50% fewer samples to process

50% fewer confirmatory tests

Faster time to results for earlier diagnostic decisions

Request/Sample  Streaking  Incubation  Reading  Confirmation  Report
Brilliance CRE Agar/Brilliance ESBL Agar Biplate

Brilliance CRE Agar allows for detection of CRE, while Brilliance ESBL Agar facilitates inhibition of non-extended spectrum beta-lactamase (ESBL)-producing Enterobacteriaceae and growth suppression of most AmpC organisms and other non-ESBL flora.

Application
Simultaneous screening for both ESBL-producing organisms and carbapenem-resistant Enterobacteriaceae (CRE)

Quality control organisms

Positive controls:
- Acinetobacter baumannii NCTC 13420
- Klebsiella pneumoniae ATCC® 29665™

Negative controls:
- Escherichia coli WDCM 00013
- Citrobacter freundii NCTC 8581
- Candida albicans ATCC® 10231™

Product Code: PO1265E | Format: 90mm

Brilliance GBS Agar/Oxoid Columbia CNA Agar Biplate

Brilliance GBS Agar eliminates the need for pre-enrichment and, when combined with Oxoid Columbia CNA Agar, enables detection of staphylococcus, streptococcus, and Group B Streptococcus (GBS) within 24 hours.

Application
Simplified screening of low vaginal swabs (LVS), high vaginal swabs (HVS), vaginal or recto-vaginal samples for GBS and staphylococci/streptococci

Quality control organisms

Positive controls:
- Staphylococcus aureus WDCM 00034
- Streptococcus pyogenes ATCC® 12344™
- Streptococcus pneumoniae ATCC® 6305™

Negative controls:
- Escherichia coli WDCM 00013

Product Code: PB5260E | Format: 90mm
**Brilliance MRSA 2 Agar/Brilliance Staph 24 Agar Biplate**

*Brilliance* Staph 24 Agar reduces non-target organism growth while allowing coagulase-positive staphylococci (CPS) to grow uninhibited, while the inhibitory components in *Brilliance* MRSA 2 Agar inhibit the growth of more non-target organisms.

**Application**

Simplified screening of methicillin-resistant *Staphylococcus aureus* (MRSA) and CPS (e.g. methicillin-susceptible *Staphylococcus aureus* (MSSA))

Organisms that grow are easily distinguished from distinctive blue MRSA colonies through inclusion of a pink counter-stain, further improving ease of interpretation.

**Product Code:** PO1258E  |  **Format:** 90mm

**Quality control organisms**

Positive controls:
- *Staphylococcus aureus* ATCC® 33591™

Negative controls:
- *Staphylococcus aureus* ATCC® 29213™
- *Proteus mirabilis* ATCC® 29906™
- *Pseudomonas aeruginosa* ATCC® 27853™
- *Bacillus licheniformis* ATCC® 14580™

---

**Brilliance MRSA 2 Agar/Brilliance MRSA 2 Agar Biplate**

*Brilliance* MRSA 2 Agar allows for detection of MRSA within 24 hours without any reincubation of negatives, enabling earlier infection control procedure initiation, when necessary.

**Application**

Streamlined identification of MRSA

The biplate combination allows laboratories to streak two patient samples on one plate, which leads to incubator space savings.

**Product Code:** PO1283E  |  **Format:** 90mm

**Quality control organisms**

Positive controls:
- *Staphylococcus aureus* ATCC® 25923™
- *Staphylococcus aureus* ATCC® 6538™
- *Staphylococcus saprophyticus* ATCC® 15305™

Negative controls:
- *Escherichia coli* ATCC® 25922™
- *Bacillus cereus* ATCC® 10876™
- *Enterococcus faecalis* ATCC® 29212™
- *Staphylococcus epidermidis* ATCC® 12228™

---

Positive controls:
- *Staphylococcus aureus* ATCC® 33591™

Negative controls:
- *Staphylococcus epidermidis* ATCC® 12228
- *Pseudomonas aeruginosa* ATCC® 27853
- *Staphylococcus aureus var oxford ATCC® 9144
- *Proteus mirabilis* ATCC® 29906
Screening

Oxoid Columbia Agar with Sheep Blood PLUS/Brilliance MRSA 2 Agar Biplate

The combination of Oxoid Columbia Agar with Sheep Blood PLUS and Brilliance MRSA 2 Agar enables isolation and cultivation of fastidious microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci), while simultaneously screening clinical samples for the presence of MRSA.

Application
Simultaneous isolation of staphylococci/streptococci and MRSA screening

Product Code: PB5253E  |  Format: 90mm

Quality control organisms

Positive controls:
- Streptococcus pneumoniae ATCC® 6305™
- Streptococcus pyogenes ATCC® 12344™
- Pseudomonas aeruginosa WDCM 00025
- Staphylococcus aureus ATCC® 33591™

Positive controls:
- Staphylococcus aureus ATCC® 33591™
- Bacillus licheniformis WDCM 00068

Negative controls:
- Pseudomonas aeruginosa WDCM 00025
- Staphylococcus aureus WDCM 00131
- Proteus mirabilis WDCM 00023

With an unselective medium on one side, this biplate provides a positive control check to support test results on Brilliance MRSA 2 Agar if there is no growth.
It’s time for high-volume urine testing to be more efficient

Combining traditional media with easy-to-interpret chromogenic media, our selection of urine-specific biplates enable faster, more accurate organism detection. Reduce waste, save space and help physicians provide patients with the correct treatment for UTIs the first time, every time.

<table>
<thead>
<tr>
<th>Testing challenges</th>
<th>Thermo Scientific biplate benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>High-throughput</strong></td>
<td>Increased throughput</td>
</tr>
<tr>
<td>Managing high sample volume with limited resources</td>
<td>Double throughput with two tests on a single biplate</td>
</tr>
<tr>
<td><strong>Diagnostic uncertainty</strong></td>
<td>Easier differentiation</td>
</tr>
<tr>
<td>Less skilled staff can have trouble with isolation and presumptive identification of pathogens on traditional media</td>
<td>Easily identify Gram negative or Gram positive organisms on each side of the biplate</td>
</tr>
<tr>
<td><strong>E. coli confirmation</strong></td>
<td>Streamlined processes</td>
</tr>
<tr>
<td>One of the most frequent causes of UTIs</td>
<td>Accelerate E. coli confirmation with Brilliance UTI media for direct ID</td>
</tr>
<tr>
<td><strong>S. saprophyticus identification</strong></td>
<td>Confidence</td>
</tr>
<tr>
<td>No differentiation on media for S. saprophyticus and other staphylococci</td>
<td>Brilliance UTI Agar provides S. saprophyticus color differentiation</td>
</tr>
</tbody>
</table>
**Sample Workflow**

- **1 patient**
- **2 single plates:**
  - Gram negative ID, Colony count

- **1 biplate**
  - **50% less hands-on time**
  - **50% less incubator space**

- **Catheter sample**
  - $\geq 10^5$ cfu/ml† → 3 species → Report morphology, no further confirmation or AST, probably contamination

- **Midstream urine**
  - $\geq 10^6$ cfu/ml† → 1 species → Confirmation and AST
  - $\leq 10^5$ cfu/ml† → 2 species → Report morphology, no further confirmation or AST, probably contamination

- **≥105cfu/ml† → 3 species → ≥105cfu/ml† → 1 species → ≤105cfu/ml† → >2 species → Faster time to results for earlier diagnostic decisions**

†Note- country-specific recommendations may differ.

**Request/Sample** → **Streaking** → **Incubation** → **Reading** → **Confirmation** → **Report**
Oxoid Columbia Agar with Sheep Blood PLUS/Oxoid Endo Agar Biplate

Oxoid Columbia Agar with Sheep Blood PLUS enables the isolation and cultivation of fastidious microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci), while Oxoid Endo Agar helps detect and isolate Enterobacteriaceae.

**Application**
Facilitates easy identification of staphylococci, streptococci and Enterobacteriaceae

---

**Quality control organisms**

**Positive controls:**
- *Staphylococcus aureus* WDCM 00034
- *Streptococcus pneumoniae* ATCC® 6305™
- *Streptococcus pyogenes* ATCC® 12344™
- *Escherichia coli* WDCM 00013

**Negative controls:**
- *Staphylococcus aureus* WDCM 00034

---

Oxoid Columbia CAP Agar/Oxoid CLED Medium Biplate

Oxoid Columbia CAP Agar enables the isolation and cultivation of fastidious microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci), while Oxoid CLED Medium facilitates unselective Gram negative and Gram positive pathogen identification.

**Application**
Streamlined isolation of samples harboring Gram negative and Gram positive bacteria

---

**Quality control organisms**

**Positive controls:**
- *Streptococcus pyogenes* ATCC® 19615™
- *Staphylococcus aureus* WDCM 00034
- *Escherichia coli* WDCM 00013
- *Staphylococcus aureus* WDCM 00034
- *Proteus vulgaris* ATCC® 8427™

**Negative controls:**
- *Proteus vulgaris* ATCC® 8427™

---

**Product Code:** PB5200E  |  **Format:** 90mm

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**Product Code:** PB1248E  |  **Format:** 90mm

---
**Brilliance UTI Clarity Agar/Brilliance UTI Clarity Agar Biplate**

*Brilliance UTI Clarity* Agar provides the same features as *Brilliance UTI* Agar, except for the transparent background, which helps for clear differentiation of the target organisms.

**Application**
Presumptive identification of urinary pathogens in 16-24 hours

---

**Brilliance UTI Agar/Brilliance UTI Agar Biplate**

*Brilliance UTI* Agar helps to identify key organisms for UTI infections through distinctive color reactions; *S. saprophyticus* grow a different color than other staphylococci.

**Application**
Presumptive identification of urinary pathogens in 16-24 hours

---

**Quality control organisms**

**Positive controls:**
- *Escherichia coli* WDCM 00013
- *Enterobacter aerogenes* WDCM 00175
- *Proteus mirabilis* NCTC 10975
- *Enterococcus faecalis* WDCM 00087
- *Staphylococcus aureus* WDCM 00034

**Product Code:** PO1282E  |  **Format:** 90mm

---

**Quality control organisms**

**Positive controls:**
- *Escherichia coli* WDCM 00013
- *Enterobacter aerogenes* WDCM 00175
- *Proteus mirabilis* NCTC 10975
- *Enterococcus faecalis* WDCM 00087
- *Staphylococcus aureus* WDCM 00034

**Product Code:** PO1232E  |  **Format:** 90mm
Oxoid Columbia Agar with Sheep Blood PLUS/Oxoid MacConkey Agar No. 3 Biplate

Oxoid Columbia Agar with Sheep Blood PLUS enables the isolation and cultivation of microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci), while Oxoid MacConkey Agar No. 3 provides improved detection and differentiation of Enterobacteriaceae.

**Application**
Detection and enumeration of coliforms, and detection and isolation of *Salmonella* and *Shigella* spp. and Gram positive organisms.

**Product Code:** PB5207E | **Format:** 90mm

**Quality control organisms**

<table>
<thead>
<tr>
<th>Positive controls:</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Staphylococcus aureus</em> WDCM 00034</td>
</tr>
<tr>
<td><em>Streptococcus pneumoniae</em> ATCC® 6305™</td>
</tr>
<tr>
<td><em>Streptococcus pyogenes</em> ATCC® 12244™</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Negative controls:</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Enterococcus faecalis</em> WDCM 00087</td>
</tr>
</tbody>
</table>

With Gram positive and Gram negative organism detection combined on a single plate, laboratories get the full clinical picture for the next diagnostic decision.

Oxoid Columbia CNA-ÄSCULIN Agar/Brilliance UTI Agar Biplate

Oxoid Columbia CNA-ÄSCULIN Agar enables the isolation and cultivation of fastidious microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci). Brilliance UTI Agar differentiates clearly between coliforms and enterococci.

**Application**
Presumptive identification of organisms occurring in urinary tract infections.

**Product Code:** PB5220E | **Format:** 90mm

**Quality control organisms**

<table>
<thead>
<tr>
<th>Positive controls:</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Escherichia coli</em> WDCM 00013</td>
</tr>
<tr>
<td><em>Proteus mirabilis</em> WDCM 00023</td>
</tr>
<tr>
<td><em>Enterococcus faecalis</em> WDCM 00087</td>
</tr>
<tr>
<td><em>Klebsiella oxytoca</em> ATCC® 13182™</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Negative controls:</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Staphylococcus aureus</em> WDCM 00034</td>
</tr>
</tbody>
</table>

With Gram positive and Gram negative organism detection combined on a single plate, laboratories get the full clinical picture for the next diagnostic decision.
Oxoid Columbia CNA-ÄSCULIN Agar/Oxoid MacConkey Agar No. 3 (Modified) Biplate

Oxoid Columbia CNA-ÄSCULIN Agar enables the isolation and cultivation of fastidious microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci), while Oxoid MacConkey Agar No. 3 (Modified) provides improved detection and differentiation of Enterobacteriaceae.

**Application**
Enables selective isolation of Gram positive cocci and Enterobacteriaceae

**Quality control organisms**

**Positive controls:**
- *Enterococcus faecalis* WDCM 00087
- *Streptococcus agalactiae* ATCC® 13813™
- *Staphylococcus aureus* WDCM 00034

**Negative controls:**
- *Escherichia coli* WDCM 00013

---

Oxoid CLED Medium/Oxoid MacConkey Agar No. 3 Biplate

Oxoid CLED Medium enables the isolation of Gram positive and Gram negative organism from urine samples, while Oxoid MacConkey Agar No. 3 provides improved detection and differentiation of Enterobacteriaceae.

**Application**
Detection and enumeration of Gram positive and coliform organisms, and detection and isolation of *Salmonella* and *Shigella* spp.

**Quality control organisms**

**Positive controls:**
- *Escherichia coli* WDCM 00013
- *Acinetobacter baumannii* ATCC® 19606™
- *Salmonella Typhimurium* WDCM 00031

**Negative controls:**
- *Enterococcus faecalis* WDCM 00087

---

**Product Code:** PB5224E  |  **Format:** 90mm

**Product Code:** PO5217E  |  **Format:** 90mm
**Brilliance UTI Clarity Agar/Oxoid Staph/Strep CNA (Modified) Agar Biplate**

*Brilliance UTI Clarity Agar* differentiates clearly between coliforms and enterococci, and gives improved TDA reactions in the identification of *Proteus*, *Morganella* and *Providencia* spp. *Oxoid Staph/Strep CNA (Modified) Agar* enables important Gram positive cocci to be recognized more readily.

**Application**
Clear differentiation of Gram positive and Gram negative organisms that cause urinary tract infections.

---

**Oxoid Columbia Agar with Horse Blood/Oxoid MacConkey Agar without Salt Biplate**

*Oxoid Columbia Agar with Horse Blood* enables the isolation and cultivation of microorganisms, while *Oxoid MacConkey Agar without Salt* facilitates detection and enumeration of coliform organisms on which swarming of *Proteus* spp. is suppressed.

**Application**
Presumptive identification of organisms occurring in urinary tract infections.

---

**Quality control organisms**

**Product Code:** PB1155E  |  **Format:** 90mm

**Positive controls:**
- *Escherichia coli* WDCM 00013
- *Enterobacter aerogenes* WDCM 00175
- *Proteus mirabilis* NCTC 10975
- *Enterococcus faecalis* WDCM 00087
- *Staphylococcus aureus* WDCM 00034

**Negative controls:**
- *Proteus mirabilis* NCTC 10975
- *Pseudomonas aeruginosa* WDCM 00025

---

**Product Code:** PO0165E  |  **Format:** 90mm

**Quality control organisms**

**Positive controls:**
- *Escherichia coli* WDCM 00013
- *Staphylococcus aureus* WDCM 00034
- *Streptococcus pyogenes* ATCC® 19615

---

**Product Code:** PS0166E  |  **Format:** 90mm

**Positive controls:**
- *Escherichia coli* WDCM 00013
- *Staphylococcus aureus* WDCM 00034
- *Enterococcus faecalis* WDCM 00087

---

The combination of a selective medium with a chromogenic medium allows accurate isolation and identification of common microorganisms associated with urinary tract infections (UTIs).

With Gram positive and Gram negative organism detection combined on a single plate, laboratories get the full clinical picture for the next diagnostic decision.
Oxoid CLED Medium/Oxoid Staphylococci Streptococci Selective Medium Biplate

Oxoid CLED Medium enables the isolation of Gram positive and Gram negative organism from urine samples, while Oxoid Staphylococci Streptococci Selective Medium ensures clear isolation of staphylococci and streptococci.

**Application**
Presumptive identification of organisms occurring in urinary tract infections

**Product Code:** PB1228E  |  **Format:** 90mm

**Quality control organisms**

**Positive controls:**
- *Staphylococcus aureus* WDCM 00034
- *Proteus mirabilis* NCTC 10975
- *Escherichia coli* WDCM 00013

**Negative controls:**
- *Proteus mirabilis* NCTC 10975
- *Pseudomonas aeruginosa* WDCM 00025

---

Oxoid Columbia Agar with Sheep Blood PLUS/Oxoid MacConkey Agar without Sodium Chloride Biplate

Oxoid Columbia Agar with Sheep Blood PLUS enables the isolation and cultivation of fastidious microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci), while detecting Gram negative pathogens from urine samples on Oxoid MacConkey Agar without Sodium Chloride.

**Application**
Presumptive identification of organisms occurring in urinary tract infections

**Product Code:** PB5254E  |  **Format:** 90mm

**Quality control organisms**

**Positive controls:**
- *Staphylococcus aureus* WDCM 00193
- *Streptococcus pneumoniae* ATCC® 6305
- *Streptococcus pyogenes* ATCC® 12344

**Positive controls:**
- *Escherichia coli* WDCM 00013
- *Proteus mirabilis* WDCM 00023

Having one plate with a selective and an unselective medium, you get a better diagnostic picture and are able to isolate pathogens directly without any subculture for further confirmation steps.

With a selective medium and general medium on one plate, laboratories can isolate pathogens directly without any subculture for further confirmation steps.
Simplify your stool sample testing workflow

Tailor your screening process, reduce hands-on time and expedite pathogen identification in stool samples with our wide range of stool-specific biplates.

<table>
<thead>
<tr>
<th>Testing challenges</th>
<th>Thermo Scientific biplate benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>High background flora</strong></td>
<td>Easier differentiation&lt;br&gt;Brilliance chromogenic media provides targeted inhibition of E. coli strains due to novel patented technology</td>
</tr>
<tr>
<td>Complicates identification of <em>Salmonella</em> on traditional media</td>
<td></td>
</tr>
<tr>
<td><strong>Singular detection</strong></td>
<td>Broader detection&lt;br&gt;Simultaneous detection of <em>Salmonella</em> and <em>Shigella</em> on a single biplate</td>
</tr>
<tr>
<td>Most <em>Salmonella</em>-specific chromogenic media do not detect <em>Shigella</em></td>
<td></td>
</tr>
<tr>
<td><strong>Testing requirements</strong></td>
<td>Fewer materials&lt;br&gt;Two patient samples on two <em>Campylobacter</em> media on one plate</td>
</tr>
<tr>
<td><em>Campylobacter</em> require microaerophilic atmosphere in an anaerobic jar</td>
<td></td>
</tr>
<tr>
<td><strong>Incubation</strong></td>
<td>Maximize incubator space&lt;br&gt;Two <em>Yersinia</em> CIN agar on one biplate</td>
</tr>
<tr>
<td><em>Yersinia</em> requires a different temperature than routine stool pathogens</td>
<td></td>
</tr>
</tbody>
</table>
### Sample Workflow

#### 14 single plates
- **Hospital patient†**
  - Salmonella & Shigella: 37°C, aerobic, 24h
  - Campylobacter: 37°C, microaerophilic, 40h
  - *C. difficile*: 37°C, anaerobic, 48h
  - Yersinia: 28°C, aerobic, 24-48h
  - EHEC, Aeromonas, Yeast**

- **Out patient†**
  - Salmonella & Shigella: 37°C, aerobic, 24h
  - Campylobacter: 37°C, microaerophilic, 40h
  - Yersinia: 28°C, aerobic, 24-48h

#### 50% less hands-on time

#### 50% less incubator space

#### 50% fewer samples to process

#### 50% fewer confirmatory tests

#### Faster time to results for earlier diagnostic decisions

#### Request/Sample

- **Streaking**
- **Incubation**
- **Reading**
- **Confirmation**
- **Report**

---

*Immune suppressed patients

**Stool with blood

*Note - country-specific recommendations may differ.
Oxoid S.S. Agar/Oxoid X.L.D. Agar Biplate

Oxoid S.S. Agar allows growth of large colonies of *Salmonella* and *Shigella* spp. with reduced growth of commensal organisms, and Oxoid X.L.D. Agar provides primary differentiation of *Shigella* and *Salmonella* spp. from non-pathogenic bacteria.

**Application**
Isolation of *Salmonella* and *Shigella* spp.

Oxoid Sorbitol MacConkey with Cefixime Tellurite Agar/Oxoid X.L.D. Agar Biplate

Oxoid Sorbitol MacConkey with Cefixime Tellurite Agar enables selective differentiation and detection of *Escherichia coli* O157, while Oxoid X.L.D. Agar provides primary differentiation of *Shigella* and *Salmonella* spp. from non-pathogenic bacteria.

**Application**
Detect and isolate *Salmonella*, *Shigella* and *Escherichia coli* O157

---

**Product Code:** PO5210E  |  **Format:** 90mm

**Quality control organisms**
Positive controls:
*Salmonella Typhimurium* WDCM 00031
*Shigella flexneri* WDCM 00126

Positive controls:
*Salmonella Typhimurium* WDCM 00031
*Shigella flexneri* WDCM 00126

---

**Product Code:** PO1222E  |  **Format:** 90mm

**Quality control organisms**
Positive controls:
*Escherichia coli* NCTC 12900

Negative controls:
*Enterococcus faecalis* WDCM 00087
*Escherichia coli* WDCM 000090

Positive controls:
*Salmonella Typhimurium* WDCM 00031
*Shigella sonnei* ATCC® 25931
*Salmonella Nottingham* NCTC 7832

Negative controls:
*Escherichia coli* WDCM 00013
*Escherichia coli* WDCM 00090
Stool

Oxoid Karmali Selective Medium/Oxoid Karmali Selective Medium Biplate
Oxoid Karmali Selective Medium enables the detection of *Campylobacter* spp. from two patient samples.

**Application**
Streamlined isolation of *Campylobacter* spp.

Product Code: PO5219E  |  Format: 90mm

Quality control organisms
Positive controls:
*Campylobacter jejuni* WDCM 00005

Negative controls:
*Escherichia coli* WDCM 00013
*Staphylococcus epidermidis* WDCM 00036

Oxoid Yersina Agar (CIN)/Oxoid Yersina Agar (CIN) Biplate
Oxoid Yersina Agar (CIN) enables the detection of *Yersinia* spp. from two patient samples on a single plate.

**Application**
Isolation and enumeration of *Yersinia enterocolitica* in 18-24 hours

Product Code: PO5222E  |  Format: 90mm

Quality control organisms
Positive controls:
*Yersinia enterocolitica* WDCM 00160

Negative controls:
*Staphylococcus aureus* WDCM 00034
*Escherichia coli* WDCM 00013

The use of biplates reduces the materials used to create the microaerophilic environment (e.g. Thermo Scientific™ Oxoid™ CampyGen™, kits for microaerophilic atmosphere, reducing costs and waste.

The use of the biplate format reduces dedicated incubator space since *Yersinia* needs different incubation conditions than other pathogens.
Oxoid Campylobacter Blood Free Selective (CCDA) Agar/Oxoid Campylobacter Blood Free Selective (CCDA) Agar Biplate

Oxoid CCDA Agar is a blood-free selective media for the isolation of Campylobacter spp.

**Application**
Primary detection of Campylobacter spp.

**Product Code:** PO0966E  |  **Format:** 90mm

**Quality control organisms**
- **Positive controls:**
  - Campylobacter jejuni WDCM 00005
  - Campylobacter jejuni WDCM 00156
  - Campylobacter lar ATCC® 35221
  - Campylobacter col WDCM 00004
- **Negative controls:**
  - Candida albicans WDCM 00054
  - Escherichia coli WDCM 00013
  - Staphylococcus aureus WDCM 00034

---

Oxoid X.L.D. Agar/Brilliance Salmonella Agar Biplate

Brilliance Salmonella Agar facilitates the presumptive identification of Salmonella spp., while Oxoid X.L.D. Agar provides primary differentiation of Shigella and Salmonella spp. from non-pathogenic bacteria.

**Application**
Selective isolation and differentiation of Salmonella spp., including lactose-positive Salmonella

**Product Code:** PO5248E  |  **Format:** 90mm

**Quality control organisms**
- **Positive controls:**
  - Salmonella Typhimurium WDCM 00031
  - Salmonella Enteritidis WDCM 00030
  - Salmonella Typhimurium WDCM 00031
- **Negative controls:**
  - Escherichia coli WDCM 00013
  - Enterococcus faecalis WDCM 00087
  - Escherichia coli WDCM 00013
Oxoid Hektoen Enteric Agar/Oxoid DCA Leifson Agar Biplate

Oxoid Hektoen Enteric Agar is a differential and selective medium for the isolation of Shigella and Salmonella spp., while Oxoid DCA Leifson Agar produces larger and more numerous colonies of Shigella spp. that can easily be picked off and emulsified in saline for slide agglutination tests.

Application
Simultaneous isolation of Shigella and Salmonella spp.

Product Code: PO5257E  |  Format: 90mm

Quality control organisms

Positive controls:
Salmonella Typhimurium WDCM 00031
Shigella flexneri WDCM 00126

Negative controls:
Enterococcus faecalis WDCM 00087
Escherichia coli WDCM 00013

Positive controls:
Salmonella Typhimurium WDCM 00031
Shigella flexneri WDCM 00126

Negative controls:
Escherichia coli ATCC® 25922™
Staphylococcus aureus WDCM 00193
General Testing

Accelerate your general diagnostic workflow to help expedite patient care

Our combinations of traditional selective, non-selective and chromogenic media generate clear differentiation of colonies for easier interpretation of results, ensuring a more timely and cost-effective approach.

<table>
<thead>
<tr>
<th>Testing challenges</th>
<th>Thermo Scientific biplate benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Variability</strong></td>
<td><strong>Fewer plates</strong>&lt;br&gt;Sample type and source variation requires multiple media types&lt;br&gt;Non-selective and selective media on one biplate</td>
</tr>
<tr>
<td>Achieving high-throughput</td>
<td><strong>Increased productivity</strong>&lt;br&gt;Plate stacker space limitations can be a bottleneck to productivity when using automation&lt;br&gt;A full diagnostic picture for a variety of applications</td>
</tr>
<tr>
<td>Delayed results</td>
<td><strong>Speed</strong>&lt;br&gt;Sub-culturing pathogens is necessary for further confirmation&lt;br&gt;Selective media help to eliminate the need for additional isolation</td>
</tr>
<tr>
<td>Variable testing conditions</td>
<td><strong>Broader detection</strong>&lt;br&gt;Yeast detection requires longer incubation, multiple <em>Candida</em> species&lt;br&gt;Presumptive detection of all relevant <em>Candida</em> species with different colony colors</td>
</tr>
</tbody>
</table>
Sample Workflow

1. **Request/Sample**
2. **Streaking**
3. **Incubation**
4. **Reading**
5. **Confirmation**
6. **Report**

**Biplates**
- 50% less hands-on time
- 50% less incubator space
- 50% fewer samples to process
- 50% fewer confirmatory tests
- Faster time to results for earlier diagnostic decisions

**Single plates**

- 50% less hands-on time
- 50% fewer samples to process
- Faster time to results for earlier diagnostic decisions
Oxoid Columbia Agar with Horse Blood/Oxoid Columbia Agar with Chocolate Horse Blood & Bacitracin Biplate

Oxoid Columbia Agar with Horse Blood enables the isolation and cultivation of fastidious microorganisms, while Oxoid Columbia Agar with Chocolate Horse Blood and Bacitracin helps isolate many fastidious organisms and is particularly suitable for the selective isolation of \textit{Haemophilus} spp.

\textbf{Application}

Streamlined cultivation of \textit{Haemophilus}

---

\begin{figure}
\centering
\includegraphics[width=0.7\textwidth]{figure1}
\caption{One plate for the simultaneous detection of fastidious and non-fastidious pathogens provides the full picture for the next diagnostic decisions.}
\end{figure}

\begin{table}
\centering
\begin{tabular}{|l|l|}
\hline
\textbf{Product Code:} & \textbf{Format: } 90mm \\
\hline
PB0742E & \\
\hline
\end{tabular}
\end{table}

\textbf{Quality control organisms}

\begin{itemize}
\item Positive controls:
  \begin{itemize}
  \item \textit{Staphylococcus aureus} WDCM 00034
  \item \textit{Streptococcus pyogenes} ATCC® 19615
  \item \textit{Haemophilus influenzae} ATCC® 49247
  \end{itemize}
\item Negative controls:
  \begin{itemize}
  \item \textit{Staphylococcus aureus} WDCM 00034
  \item \textit{Streptococcus pyogenes} ATCC® 19615
  \end{itemize}
\end{itemize}

---

Oxoid Chocolate G.C. Selective Agar/Oxoid Chocolate Agar with Vitox Biplate

Oxoid Chocolate G.C. Selective Agar and Oxoid Chocolate Agar with Vitox provide highly nutritious media for the isolation and cultivation of fastidious microorganisms and the selective isolation of \textit{Neisseria} spp..

\textbf{Application}

Streamlined cultivation of \textit{Haemophilus} and \textit{Neisseria}

---

\begin{figure}
\centering
\includegraphics[width=0.7\textwidth]{figure2}
\caption{One plate for the simultaneous detection of sensitive pathogens provides the full picture for the next diagnostic decision.}
\end{figure}

\begin{table}
\centering
\begin{tabular}{|l|l|}
\hline
\textbf{Product Code:} & \textbf{Format: } 90mm \\
\hline
PO1101E & \\
\hline
\end{tabular}
\end{table}

\textbf{Quality control organisms}

\begin{itemize}
\item Positive controls:
  \begin{itemize}
  \item \textit{Neisseria gonorrhoeae} ATCC® 49226
  \item \textit{Neisseria gonorrhoeae} NCTC 8375
  \end{itemize}
\item Negative controls:
  \begin{itemize}
  \item \textit{Proteus vulgaris} ATCC® 13315
  \item \textit{Candida albicans} WDCM 00054
  \item \textit{Staphylococcus aureus} WDCM 00034
  \end{itemize}
\end{itemize}
Oxoid Staphylococci Streptococci Selective Medium/
Oxoid Sabouraud Glucose Selective Agar with
Chloramphenicol Biplate

Oxoid Staphylococci Streptococci Selective Medium ensures clear isolation of staphylococci and streptococci, while Oxoid Sabouraud Glucose Selective Agar provides isolation of pathogenic fungi.

Application
Selective isolation of staphylococci, streptococci and pathogenic fungi

Product Code: PB1219E  Format: 90mm

Quality control organisms
Positive controls:
Staphylococcus aureus WDCM 00034
Streptococcus pyogenes ATCC® 19615

Negative controls:
Proteus mirabilis NCTC 10975
Pseudomonas aeruginosa WDCM 00025

One plate for the simultaneous detection of pathogens provides the full picture for the next diagnostic decision.

Oxoid Columbia Blood Agar with Horse Blood/Oxoid Columbia CAP Agar

Oxoid Columbia Agar with Horse Blood enables the isolation and cultivation of microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci), while Oxoid Columbia CAP Agar detects and isolates staphylococci and streptococci.

Application
Presumptive identification of organisms occurring in infections from general samples

Product Code: PB1223E  Format: 90mm

Quality control organisms
Positive controls:
Staphylococcus aureus WDCM 00034
Streptococcus pyogenes ATCC® 19615
Escherichia coli WDCM 00013
Streptococcus pneumoniae ATCC® 6305

Positive controls:
Staphylococcus aureus WDCM 00034
Streptococcus pyogenes ATCC® 19615

Negative controls:
Proteus mirabilis NCTC 10975
Pseudomonas aeruginosa WDCM 00025

One plate for detection of Gram positive and Gram negative pathogens provide the full picture for the next diagnostic decision.
Oxoid Columbia Blood Agar/Oxoid Columbia Agar with Chocolate Horse Blood Biplate

Oxoid Columbia Blood Agar and Oxoid Columbia Agar with Chocolate Horse Blood enable the isolation and cultivation of fastidious microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci).

**Application**
Presumptive identification of organisms occurring in infections from general samples, including fastidious organisms

---

Oxoid Columbia Agar with Sheep Blood/Oxoid Chocolate Agar Biplate

Oxoid Columbia Agar with Sheep Blood enables the isolation and cultivation of fastidious and non-fastidious microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci), while Oxoid Chocolate Agar enables the detection and isolation of fastidious microorganisms.

**Application**
Presumptive identification of organisms occurring in infections from general samples

---

**Quality control organisms**

**Positive controls:**
- *Staphylococcus aureus* WDCM 00034
- *Streptococcus pyogenes* ATCC® 19615
- *Escherichia coli* WDCM 00013
- *Streptococcus pneumoniae* ATCC® 6305

**Product Code:** PB1224E  |  **Format:** 90mm

---

**Quality control organisms**

**Positive controls:**
- *Staphylococcus aureus* WDCM 00034
- *Haemophilus influenzae* ATCC® 49247
- *Neisseria gonorrhoeae* ATCC® 49226

**Product Code:** PB5202E  |  **Format:** 90mm
Oxoid Columbia Agar with Sheep Blood/Oxoid Chocolate Agar with Sheep Blood Biplate

Oxoid Columbia Agar with Sheep Blood enables the isolation and cultivation of microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci), while Oxoid Chocolate Agar with Sheep Blood helps to identify fastidious organisms.

Application
Presumptive identification of organisms occurring in infections from general samples

Quality control organisms
- Positive controls:
  - Streptococcus pneumoniae ATCC® 6305
  - Streptococcus pyogenes ATCC® 12344

Product Code: PB5250E  |  Format: 90mm

Oxoid Columbia Chocolate Agar/Oxoid MacConkey Agar with Salt Biplate

Oxoid Columbia Chocolate Agar facilitates isolation and cultivation of fastidious microorganisms, while Oxoid MacConkey Agar with Salt is a differential medium for the detection and isolation of pathogens.

Application
Streamlined differentiation of fastidious and non-fastidious microorganisms

Quality control organisms
- Positive controls:
  - Staphylococcus aureus WDCM 00034
  - Enterococcus faecalis WDCM 00087
  - Escherichia coli WDCM 00013
  - Salmonella Nottingham NCTC 7832
- Positive controls:
  - Haemophilus influenzae ATCC® 10211
  - Neisseria gonorrhoeae ATCC® 49225
  - Neisseria gonorrhoeae ATCC® 49226
  - Escherichia coli ATCC 8739

Product Code: PB1262E  |  Format: 90mm
Oxoid Columbia Agar with 5% Sheep Blood/Oxoid Gardnerella vaginalis Selective Medium Biplate*

Oxoid Columbia Agar with 5% Sheep Blood enables the isolation and cultivation of fastidious microorganisms with clearly visible haemolytic reactions (staphylococci and streptococci), while the Oxoid Gardnerella vaginalis Selective Medium detects and isolates *Gardnerella vaginalis*.

**Application**

Streamlined cultivation and isolation of fastidious organisms

---

**Quality control organisms**

**Positive controls:**
- *Staphylococcus aureus* WDCM 00034
- *Staphylococcus epidermidis* WDCM 00036
- *Gardnerella vaginalis* ATCC® 14018

**Negative controls:**
- *Proteus mirabilis* WDCM 00023
- *Escherichia coli* WDCM 00013

---

*Minimum quantity order required*
**General—Yeast**

*Brilliance* Candida Agar/Oxoid Sabouraud Glucose Selective Agar with Gentamicin and Chloramphenicol Biplate

*Brilliance* Candida Agar allows direct differentiation of *Candida* spp., while Oxoid Sabouraud Glucose Selective Agar is widely used for the isolation of pathogenic fungi from material containing high numbers of other fungi or bacteria.

**Application**

Simultaneous isolation of dermatophytes, other fungi and yeast

---

*Oxoid Lysed G.C. Selective Agar/Oxoid Sabouraud Glucose Selective Agar with Chloramphenicol Biplate*

Oxoid Lysed G.C. Selective Agar enables the isolation and cultivation of *Neisseria* spp. while Oxoid Sabouraud Glucose Selective Agar with Chloramphenicol is an acid pH medium for the selective isolation of pathogenic fungi.

**Application**

Simultaneous detection of *Neisseria* spp. and dermatophytes, other fungi and yeast

---

**Quality control organisms**

**Positive controls:**
- Candida albicans WDCM 00054
- Candida tropicalis ATCC® 750™
- Aspergillus brasiliensis WDCM 00053

**Negative controls:**
- Escherichia coli WDCM 00012

**Product Code:** PO5258E  |  **Format:** 90mm

---

**Quality control organisms**

**Positive controls:**
- Neisseria gonorrhoeae ATCC® 49226
- Neisseria gonorrhoeae ATCC® 19424

**Negative controls:**
- Candida albicans WDCM 00054
- Proteus hauseri ATCC® 13315
- Staphylococcus aureus WDCM 00034
- Pseudomonas aeruginosa WDCM 00025

**Product Code:** PB1241E  |  **Format:** 90mm
Oxoid Sabouraud G.C. Agar/Oxoid Chromogenic
C. albicans Agar Biplate

Oxoid Sabourand G.C. Agar enables simultaneous isolation of
dermatophytes, other fungi and yeast, while Oxoid Chromogenic C. albicans
Agar facilitates isolation and presumptive identification of Candida albicans.

Application
Selective detection and isolation of fungi

Product Code: PO5243E | Format: 90mm

Quality control organisms

Positive controls:
Candida albicans WDCM 00054
Aspergillus brasiliensis WDCM 00053

Negative controls:
Escherichia coli WDCM 00013
**General—Anaerobes**

**Oxoid Schaedler Agar/Oxoid Schaedler KV Agar Biplate**

Oxoid Schaedler Agar is a highly nutritive medium for growth of obligate and facultative anaerobic organisms, combined with Oxoid Schaedler KV Agar, which is a selective medium for growth and isolation of anaerobic Gram negative bacteria, especially *Bacteroides* and *Prevotella* spp.

**Application**

Streamlined growth and isolation of anaerobic organisms

**Product Code:** PB5204E  |  **Format:** 90mm

**Quality control organisms**

**Positive controls:**
- *Bacteroides fragilis* ATCC® 25285™
- *Clostridium perfringens* WDCM 00007
- *Peptostreptococcus anaerobius* ATCC® 27337™

**Negative controls:**
- *Clostridium perfringens* WDCM 00007
- *Escherichia coli* WDCM 00013
- *Peptostreptococcus anaerobius* ATCC® 27337™

**Oxoid A.R.I.A. Medium with 5% Horse Blood/Oxoid A.R.I.A. Medium with 5% Horse Blood and Neomycin Biplate**

Oxoid A.R.I.A Medium with 5% Horse Blood is a non-selective growth medium for anaerobic bacteria within 24 to 72 hours, while Oxoid A.R.I.A. Medium with 5% Horse Blood and Neomycin is selective and helps to isolate anaerobic bacteria.

**Application**

Streamlined isolation of anaerobic bacteria

**Product Code:** PB1260E  |  **Format:** 90mm

**Quality control organisms**

**Positive controls:**
- *Clostridium perfringens* WDCM 00007
- *Bacteroides fragilis* ATCC® 25285
- *Fusobacterium nucleatum* ATCC® 10953

**Negative controls:**
- *Escherichia coli* WDCM 00013
General—Anaerobes

Oxoid A.R.I.A. Medium with 5% Horse Blood and Neomycin/Oxoid Columbia Agar with Horse Blood + Gentamicin Biplate

Oxoid A.R.I.A. Medium with 5% Horse Blood and Neomycin is a selective medium for growth of anaerobic bacteria. Oxoid Columbia Agar with Horse Blood + Gentamicin helps to identify Gram positive organisms.

**Application**
Streamlined isolation of pathogens

**Quality control organisms**
- **Positive controls:**
  - Clostridium perfringens WDCM 00007
  - Bacteroides fragilis ATCC® 25285
  - Fusobacterium nucleatum ATCC® 10953
- **Negative controls:**
  - Escherichia coli WDCM 00013

---

Oxoid F.A.A. + NAT Medium/Oxoid F.A.A + NEO Medium Biplate

Oxoid F.A.A. + NAT Medium is a nutritive medium for growth of non-sporing anaerobic organisms and Oxoid F.A.A. + NEO Medium is a selective medium for growth and isolation of anaerobic bacteria.

**Application**
Streamlined isolation of aerobic and anaerobic fastidious organisms

**Quality control organisms**
- **Positive controls:**
  - Clostridium perfringens WDCM 00007
  - Bacteroides fragilis ATCC® 25285
- **Negative controls:**
  - Escherichia coli WDCM 00013
  - Clostridium perfringens WDCM 00007

---
Consistent testing. Reproducible results.

**Qualitative QC**
Thermo Scientific™ Culti-Loops™ Quality Control Organisms enable quick and safe preparation of ATCC® cultures for QC testing. They are ready-to-use bacteriological loops containing gel-stabilized micro-organisms. Each loop is individually packaged in a foil pouch and each pack contains 5 loops.

**Quantitative QC**
Thermo Scientific™ Quanti-Cult™ provide specific, reproducible numbers of viable micro-organisms, derived from authentic, high-quality ATCC® cultures, in a safe, ready-to-hydrate vial. Each vial delivers up to 10 inocula of 0.1mL, each containing <100 CFU (colony forming units).

<table>
<thead>
<tr>
<th>Product name</th>
<th>WDCM number</th>
<th>Thermo Scientific™ Culti-Loops™ Quality Control Organisms Part No.:</th>
<th>Thermo Scientific™ Quanti-Cult™ Quality Control Organisms Part No.:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acinetobacter baumannii ATCC® 19666™</td>
<td>R4601007</td>
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</tr>
<tr>
<td>Aspergillus brasiliensis ATCC® 16404™</td>
<td>WDCM 00053</td>
<td>R4601100 R4711100</td>
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<td>Bacteroides fragilis ATCC® 25285™</td>
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<td>Campylobacter coli ATCC® 43478™</td>
<td>WDCM 00004</td>
<td>R4609387</td>
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<td>Campylobacter jejuni ATCC® 29428™</td>
<td>WDCM 00156</td>
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<td>Thermo Scientific™ Quanti-Cult™ Quality Control Organisms Part No.:</td>
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<td>Haemophilus influenzae ATCC® 49247™</td>
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<td>Klebsiella aerogenes ATCC® 13048™</td>
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<td>Peptostreptococcus anaerobius ATCC® 27337™</td>
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-Cornelia Quant, Quality Manager, Microbiology, Laboratory Mönchengladbach Medical Care Center, Germany

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<td>0800 297521</td>
<td><a href="mailto:oxoid.at@thermofisher.com">oxoid.at@thermofisher.com</a></td>
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Deliver
Receive your custom biplates in 8-12 weeks

“I’d like to streamline my testing with one plate for all resistant Gram negatives to improve my workflow and accuracy for MDROs”
Glossary

### Screening testing

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### General testing

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