Water, Microbial Cell Culture Grade
Microbiological Media
- Bulk Dry Powder
- OptiGrow Pre-weighed Culture Media
- OptiGrow Ready-to-use Liquid Media
- Granulated Culture Media
- Prebuffered Media Capsules

TransMax Competent Cells

ChromoMax X-Gal Solution

Antibiotics

Microbiological Media and Microbial Cell Culture
**New Water, Microbial Cell Culture Grade**

Ultrapure water for preparing microbiological growth media
- 0.03 micron filtered and autoclaved to ensure high purity
- Deionized for very low metal ion content
- Low level of endotoxin < 0.25 EU/mL
- Total organic carbon (TOC) < 50ppb
- Functionally tested for promoting microbial growth

### Ordering Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Pack Size</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water, Microbial Cell Culture Grade</td>
<td>100mL</td>
<td>BP2820-100</td>
</tr>
<tr>
<td>Water, Microbial Cell Culture Grade</td>
<td>500mL</td>
<td>BP2820-500</td>
</tr>
<tr>
<td>Water, Microbial Cell Culture Grade</td>
<td>1L</td>
<td>BP2820-1</td>
</tr>
</tbody>
</table>

### Applications

- Preparing media for microbial growth and maintenance
  - Lambda Phage (2XYT Broth, NZCYM Broth)
  - *E. coli* (LB Broth, LB Agar)
  - Yeast (YPD Broth)
- Preparing media for plating
  - M13 Phage (2XYT Agar, NZCYM Agar)
- Preparing media for cloning (transformation)
  - *E. coli* (SOC Medium, SDB Medium, Terrific Broth)
- Preparing antibiotic solutions

### Product Specifications

<table>
<thead>
<tr>
<th>Name of Product</th>
<th>Water, Microbial Cell Culture Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, colorless liquid</td>
</tr>
<tr>
<td>Resistivity (at time of collection)</td>
<td>≥ 16 megaohm-cm</td>
</tr>
<tr>
<td>TOC (at time of collection)</td>
<td>&lt; 50 ppb</td>
</tr>
<tr>
<td>Conductivity at 25°C</td>
<td>≤ 2 µS/cm</td>
</tr>
<tr>
<td>pH at 25°C</td>
<td>5.4 - 7.0</td>
</tr>
<tr>
<td>Total Bacterial Count</td>
<td>&lt; 1 CFU/mL</td>
</tr>
<tr>
<td>Total Yeast and Mold Count</td>
<td>&lt; 1 CFU/mL</td>
</tr>
<tr>
<td>Endotoxin</td>
<td>≤ 0.025 EU/mL</td>
</tr>
<tr>
<td>Oxidizable Substances</td>
<td>Pass test</td>
</tr>
<tr>
<td>Growth Promotion Test</td>
<td>Pass test</td>
</tr>
<tr>
<td>Metal Ion Impurities:</td>
<td></td>
</tr>
<tr>
<td>Aluminum (Al)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Arsenic (As)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Barium (Ba)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Cadmium (Cd)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Calcium (Ca)</td>
<td>20 ppb max</td>
</tr>
<tr>
<td>Chromium (Cr)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Cobalt (Co)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Copper (Cu)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Iron (Fe)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Lead (Pb)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Magnesium (Mg)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Manganese (Mn)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Molybdenum (Mo)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Nickel (Ni)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Potassium (K)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Selenium (Se)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Silver (Ag)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Sodium (Na)</td>
<td>20 ppb max</td>
</tr>
<tr>
<td>Tin (Sn)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Vanadium (V)</td>
<td>10 ppb max</td>
</tr>
<tr>
<td>Zinc (Zn)</td>
<td>10 ppb max</td>
</tr>
</tbody>
</table>
**New Pre-buffered Media Capsules**

Premeasured and premixed bacteriological growth media in capsules

- Consistent and accurate measurement
- Eliminate messy weighing
- Convenient—simply dissolve capsules in water, agitate, and autoclave before use
- Pre-buffered media eliminates pH adjustments

**New Granulated Microbiological Media**

Standard bacteriological media for the propagation and maintenance of *E. coli* strains in molecular biology procedures.

- Easy weighing, dust-free granules
- All media subject to a variety of Quality Control procedures such as pH, nitrogen content, and growth promotion
- Store at room temperature, shelf life 3 year minimum

### Ordering Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Pack Size</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terrific Broth Modified, Capsules, 25 x 24g capsules</td>
<td>600g</td>
<td>BP9729-600</td>
</tr>
<tr>
<td>LB Broth, Lennox, Pre-buffered Capsules, 25 x 20g capsules</td>
<td>500g</td>
<td>BP9730-500</td>
</tr>
<tr>
<td>LB Broth, Miller, Pre-buffered Capsules, 20 x 25g capsules</td>
<td>500g</td>
<td>BP9731-500</td>
</tr>
<tr>
<td>LB Broth, Miller, Pre-buffered Capsules, 500 x 1g capsules</td>
<td>500g</td>
<td>BP9732-500</td>
</tr>
<tr>
<td>LB Broth, Lennox, Pre-buffered Capsules, 500 x 1g capsules</td>
<td>500g</td>
<td>BP9733-500</td>
</tr>
<tr>
<td>LB Agar, Miller, Pre-buffered Capsules, 25 x 20g capsules</td>
<td>500g</td>
<td>BP9734-500</td>
</tr>
<tr>
<td>LB Agar, Miller, Pre-buffered Capsules, 500 x 1g capsules</td>
<td>500g</td>
<td>BP9735-500</td>
</tr>
<tr>
<td>2XYT Broth, Capsules, 32 x 15.5g capsules</td>
<td>500g</td>
<td>BP9736-500</td>
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### Ordering Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Pack Size</th>
<th>Catalog No.</th>
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</thead>
<tbody>
<tr>
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<td>500g</td>
<td>BP9722-500</td>
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<tr>
<td>LB Broth, Lennox, Granulated, 2kg</td>
<td>2kg</td>
<td>BP9722-2</td>
</tr>
<tr>
<td>LB Broth, Miller, Granulated, 500g</td>
<td>500g</td>
<td>BP9723-500</td>
</tr>
<tr>
<td>LB Broth, Miller, Granulated, 2kg</td>
<td>2kg</td>
<td>BP9723-2</td>
</tr>
<tr>
<td>LB Agar, Miller, Granulated, 500g</td>
<td>500g</td>
<td>BP9724-500</td>
</tr>
<tr>
<td>LB Agar, Miller, Granulated, 2kg</td>
<td>2kg</td>
<td>BP9724-2</td>
</tr>
<tr>
<td>Peptone, Granulated, 500g</td>
<td>500g</td>
<td>BP9725-500</td>
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<tr>
<td>Peptone, Granulated, 2kg</td>
<td>2kg</td>
<td>BP9725-2</td>
</tr>
<tr>
<td>Tryptone, Granulated, 500g</td>
<td>500g</td>
<td>BP9726-500</td>
</tr>
<tr>
<td>Tryptone, Granulated, 2kg</td>
<td>2kg</td>
<td>BP9726-2</td>
</tr>
<tr>
<td>Yeast Extract, Granulated, 500g</td>
<td>500g</td>
<td>BP9727-500</td>
</tr>
<tr>
<td>Yeast Extract, Granulated, 2kg</td>
<td>2kg</td>
<td>BP9727-2</td>
</tr>
<tr>
<td>Terrific Broth Modified, Granulated, 500g</td>
<td>500g</td>
<td>BP9728-500</td>
</tr>
<tr>
<td>Terrific Broth Modified, Granulated, 2kg</td>
<td>2kg</td>
<td>BP9728-2</td>
</tr>
</tbody>
</table>

### New Media for Competent Cells in Standard Cloning Applications

Bacteriological media especially useful for DHα strains of *E. coli*.

- Propagation of bacteria in suspension, especially DHα strains and TransMax Competent Cells
- SOB Broth formulation per liter: casein peptone 20g, yeast extract 5g, sodium chloride 0.5g, magnesium sulfate 2.4g, and potassium chloride 0.186g
- SOC Medium formulation per liter: casein peptone 20g, yeast extract 5g, sodium chloride 0.58g, potassium chloride 0.19g, magnesium chloride 0.95g, magnesium sulfate 1.2g, and glucose 3.6g
- Developed for use in high efficiency plasmid DNA transformations

### Ordering Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Pack Size</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOB Broth, Capsules, 36 x 14g capsules</td>
<td>500g</td>
<td>BP9737-500</td>
</tr>
<tr>
<td>SOC Medium</td>
<td>5 x 10mL</td>
<td>BP9740-5X10</td>
</tr>
<tr>
<td>2M Magnesium Chloride, Microbial Cell Culture Grade</td>
<td>5 x 10mL</td>
<td>BP9741-5X10</td>
</tr>
<tr>
<td>2M Calcium Chloride, Microbial Cell Culture Grade</td>
<td>5 x 10mL</td>
<td>BP9742-5X10</td>
</tr>
</tbody>
</table>
The Fisher BioReagents product line features a selection of carefully formulated powder and premixed media optimized for different types of microbial cells and growth conditions. Included are three modifications of the Luria-Bertani formula, used for growing strains of *E. coli*-containing recombinant plasmids.

Select media are offered in the format of pre-weighed pouches or capsules to eliminate the time-consuming step of weighing fine powder. For those research laboratories that require the most stringent consistency and quality control, we offer select media in a ready-to-use liquid format. Our offering ranges from basic LB formulations to enriched media for more demanding strains.

In addition to media there is a wide range of antibiotics and other additives. Our ultrahigh quality *TransMax™* competent cells and *ChromoMax™* ready-to-use IPTG/X-Gal solution accelerate the cloning process by reducing steps related to preparation of cells and formulation errors. We take the responsibility for stringent quality control—assuring consistency and product-dependent reproducibility of results.

<table>
<thead>
<tr>
<th>Media/Additive</th>
<th>Description/Application</th>
<th>Size</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agar, Granulated</td>
<td>Used as a solidifying agent</td>
<td>500g</td>
<td>BP1423-500</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2kg</td>
<td>BP1423-2</td>
</tr>
<tr>
<td>Casamino Acids</td>
<td>Acid-hydrolyzed casein for microbiological media requiring completely hydrolyzed protein as a nitrogen source. Low concentration of sodium chloride and iron permit production of various toxins</td>
<td>100g</td>
<td>BP1424-100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>500g</td>
<td>BP1424-500</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2kg</td>
<td>BP1424-2</td>
</tr>
<tr>
<td>LB Agar, Miller (Powder)</td>
<td>Contains 10g of tryptone, 5g of yeast extract, 10g of sodium chloride, 15g of granulated agar per liter</td>
<td>500g</td>
<td>BP1425-500</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2kg</td>
<td>BP1425-2</td>
</tr>
<tr>
<td>LB Broth, Lennox (Powder)</td>
<td>Contains 10g of tryptone, 5g of yeast extract, 5g of sodium chloride per liter</td>
<td>500g</td>
<td>BP1427-500</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2kg</td>
<td>BP1427-2</td>
</tr>
<tr>
<td>LB Broth, Miller (Powder)</td>
<td>Contains 10g of tryptone, 5g of yeast extract, 10g of sodium chloride per liter</td>
<td>500g</td>
<td>BP1426-500</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2kg</td>
<td>BP1426-2</td>
</tr>
<tr>
<td>Peptone</td>
<td>Contains nitrogen in a form readily available to bacteria</td>
<td>100g</td>
<td>BP1420-100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>500g</td>
<td>BP1420-500</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2kg</td>
<td>BP1420-2</td>
</tr>
<tr>
<td>Tryptone</td>
<td>Pancreatic digest of casein is used as a nitrogen source for bacteria</td>
<td>100g</td>
<td>BP1421-100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>500g</td>
<td>BP1421-500</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2kg</td>
<td>BP1421-2</td>
</tr>
<tr>
<td>Yeast Extract</td>
<td>Water-soluble portion of autolysed fresh yeast is used in bacteriological culture media</td>
<td>100g</td>
<td>BP1422-100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>500g</td>
<td>BP1422-500</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2kg</td>
<td>BP1422-2</td>
</tr>
</tbody>
</table>
Now Available for Your Convenience...OptiGrow™ Microbiological Media

Classic culture media, optimized for superior bacterial yield

Fisher BioReagents brings years of manufacturing experience to the development and production of these competitively priced microbiological media:

**LB Broth**—Standard bacteriological nutrient medium for the propagation of *E. coli* for purposes of strain maintenance (sub-culturing), cloning, plasmid propagation, protein expression.

**Super Broth**—Specifically developed to increase the yield of high copy number plasmids derived from suspension cultures of *E. coli* strains.

**Terrific Broth**—Supports higher cell densities than LB medium, increases plasmid DNA yield.

OptiGrow Liquid Culture Media

- Ready-to-use liquids save time and preparation costs
- Fully automated manufacturing process eliminates unexpected contamination
- Sterilized by autoclaving—the method you trust
- Excellent lot-to-lot consistency and traceability

**OptiGrow Pre-weighed Culture Media**

- Reduce formulation errors
- No need to weigh or store dusty powders
- Each pre-blended mix yields one liter of culture medium
- Conveniently packaged in easy-open pouches
- High quality assured by stringent testing

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB Broth Miller Liquid</td>
<td>10 x 1L</td>
<td>BP1430-10B1</td>
</tr>
<tr>
<td>LB Broth Lennox Liquid</td>
<td>10 x 1L</td>
<td>BP1431-10B1</td>
</tr>
<tr>
<td>Super Broth Liquid</td>
<td>10 x 1L</td>
<td>BP1432-10B1</td>
</tr>
<tr>
<td>Terrific Broth Liquid</td>
<td>10 x 1L</td>
<td>BP1433-10B1</td>
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</table>

* Supplied as 10 bottles per case

**Ordering Information**

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB Agar Miller</td>
<td>10 pouches/box</td>
<td>BP1425-10P1</td>
</tr>
<tr>
<td>LB Broth Miller</td>
<td>10 pouches/box</td>
<td>BP1426-10P1</td>
</tr>
<tr>
<td>LB Broth Lennox</td>
<td>10 pouches/box</td>
<td>BP1427-10P1</td>
</tr>
<tr>
<td>Terrific Broth</td>
<td>10 pouches/box</td>
<td>BP2468-10P1</td>
</tr>
</tbody>
</table>

* Supplied as 10 pouches per box
**Microbial Cultures: TransMax Competent Cells**

TransMax competent cells are produced according to rigorous quality control standards to ensure dependable performance and lot-to-lot consistency. Transformations are performed, at least in triplicate, to verify efficiency specifications using pUC19 plasmid DNA.

- **recA1 and endA1 markers**: minimize recombination and improve plasmid quality and yield
- **Superior quality and consistency**: equivalent to widely used host cells such as DH5α and DH10B
- **Offered in a wide range of efficiencies (10^7 to 10^10)** and formats (both tubes and 96-well plates)
- **96-well plates** are ideal for high throughput cloning applications
- **Both electrotransformable and chemically competent cells** are available

**Applications**
- Recommended for Blue/White screening and standard cloning applications, cloning PCR† fragments, complex ligations, in vitro mutagenesis, producing single-stranded DNA, cDNA and genomic library construction.

**Storage Conditions**

- **Stable for two years**

†The Polymerase Chain Reaction (PCR) process is covered by foreign counterparts of U.S. Patents 4,683,202; 4,683,195; and 4,965,188 owned by F. Hoffmann-La Roche Ltd.

**Chemically Competent**

<table>
<thead>
<tr>
<th></th>
<th>FB5cα</th>
<th>FB5cF</th>
<th>FB10B</th>
<th>eFB10B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electro-Competent</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>Blue/White Screening</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Recombination Deficient</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Endonuclease Deficient</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Methyl Restriction Deficient</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Single Strand Ability</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Tetracycline Resistant</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Lac Promoter Control</td>
<td>Y</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
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</table>

**Electrotransformable Cells**

Recommended for cDNA or Genomic Library Construction using Electroporation

<table>
<thead>
<tr>
<th></th>
<th>Efficiency</th>
<th>Quantity</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>eFB10B</td>
<td>1 x 10^9</td>
<td>5 x 0.1mL</td>
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</table>

**Chemically Competent Cells**

Ideal for Genomic and cDNA Library Construction using Heat-shock Transformation

<table>
<thead>
<tr>
<th></th>
<th>Efficiency</th>
<th>Quantity</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB5cα</td>
<td>1 x 10⁹</td>
<td>5 x 0.2mL</td>
<td>BP4000-1</td>
</tr>
<tr>
<td>FB10B</td>
<td>1 x 10⁹</td>
<td>5 x 0.2mL</td>
<td>BP4005-1</td>
</tr>
</tbody>
</table>

Great for Routine Cloning

<table>
<thead>
<tr>
<th></th>
<th>Efficiency</th>
<th>Quantity</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB5cα</td>
<td>1 x 10⁹</td>
<td>10 x 0.05mL</td>
<td>BP4000-2</td>
</tr>
<tr>
<td>FB5cF</td>
<td>1 x 10⁹</td>
<td>20 x 0.05mL</td>
<td>BP4000-3</td>
</tr>
<tr>
<td>FB5cα</td>
<td>1 x 10⁹</td>
<td>50 x 0.05mL</td>
<td>BP4000-4</td>
</tr>
<tr>
<td>FB10B</td>
<td>1 x 10⁹</td>
<td>20 x 0.05mL</td>
<td>BP4005-3</td>
</tr>
</tbody>
</table>

Best Choice for Preparing Single-stranded DNA, PhageDisplay, Kunkel Mutagenesis

<table>
<thead>
<tr>
<th></th>
<th>Efficiency</th>
<th>Quantity</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB5cF</td>
<td>1 x 10⁹</td>
<td>5 x 0.2mL</td>
<td>BP4003-1</td>
</tr>
</tbody>
</table>

Excellent for High-throughput Transformation

<table>
<thead>
<tr>
<th></th>
<th>Efficiency</th>
<th>Quantity</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>96-well FB5cα</td>
<td>1 x 10⁹</td>
<td>96 x 0.02mL</td>
<td>BP4001-96 (Available as special order)</td>
</tr>
<tr>
<td>96-well FB10B</td>
<td>1 x 10⁹</td>
<td>96 x 0.02mL</td>
<td>BP4006-96 (Available as special order)</td>
</tr>
</tbody>
</table>

Provide Superior Economy and Convenience

<table>
<thead>
<tr>
<th></th>
<th>Efficiency</th>
<th>Quantity</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB5cα</td>
<td>1 x 10⁷</td>
<td>4 x 0.5mL</td>
<td>BP4002-1</td>
</tr>
</tbody>
</table>
Microbial Cultures: ChromoMax™ IPTG/X-Gal Solution, Antibiotics

Accelerate your blue/white colony screening with ChromoMax™ IPTG/X-Gal Solution from Fisher BioReagents

**Convenience:** Premixed IPTG/X-Gal Solution  
**Time Saving:** No weighing or dissolving  
**Safety:** No DMSO or DMF required  
**Stability:** Stable for three years  
**Cost Effective:** Saves precious time  
**Economical:** Saves money  
**Quality:** Dependable results

Ready-to-apply ChromoMax™ IPTG/X-Gal solution is a proprietary formulation that allows you to skip the cumbersome preparation process that traditionally requires tedious weighing and dissolving of fine powder in toxic solvent such as DMSO or DMF. Our new ChromoMax formulation can safely be handled outside of a fume hood. Even when stored at -20°C, ChromoMax solution does not freeze, allowing for immediate use without thawing. Unlike traditionally prepared X-Gal solution, ChromoMax is stable for three years when properly stored at -20°C. It dries quickly on the plate, further accelerating the screening protocol. ChromoMax Solution provides fast color development and does not require additional 4°C incubation to enhance color. The 50mL volume is conveniently packaged in five 10mL bottles, preventing accidental contamination of large volume stock.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>No. of Applications</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ChromoMax IPTG/X-Gal Solution</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1mL</td>
<td>~10 plates</td>
<td>BP4200-1</td>
<td></td>
</tr>
<tr>
<td>10mL</td>
<td>~100 plates</td>
<td>BP4200-10</td>
<td></td>
</tr>
<tr>
<td>5 x 10mL</td>
<td>~500 plates</td>
<td>BP4200-50</td>
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</tbody>
</table>

ChromoMax™ IPTG/X-Gal Solution is suitable for use with all commercially available competent cells that utilize lacZ blue/white screening. In our laboratories the new formulation was used for screening of transformed TransMax™ Competent Cells, resulting in clearly differentiated blue and white colonies.

<table>
<thead>
<tr>
<th>Antibiotics</th>
<th>Size</th>
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<tbody>
<tr>
<td>Ampicillin Sodium Salt</td>
<td>5g</td>
<td>BP1760-5</td>
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<tr>
<td></td>
<td>25g</td>
<td>BP1760-25</td>
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<tr>
<td>Ampicillin Trihydrate</td>
<td>25g</td>
<td>BP902-25</td>
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<tr>
<td>Blasticidin S Hydrochloride</td>
<td>25mg</td>
<td>BP2647-25</td>
</tr>
<tr>
<td></td>
<td>50mg</td>
<td>BP2647-50</td>
</tr>
<tr>
<td></td>
<td>100mg</td>
<td>BP2647-100</td>
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<tr>
<td>Chloramphenicol</td>
<td>100g</td>
<td>BP904-100</td>
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<tr>
<td>Doxorubicin Hydrochloride</td>
<td>10mg</td>
<td>BP2516-10</td>
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<tr>
<td></td>
<td>50mg</td>
<td>BP2516-50</td>
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<tr>
<td>G418 Sulfate</td>
<td>1g</td>
<td>BP673-1</td>
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<tr>
<td></td>
<td>5g</td>
<td>BP673-5</td>
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<tr>
<td>Gentamycin Sulfate</td>
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<td>Kanamycin Sulfate</td>
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<td>Mitomycin C</td>
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<td>Streptomycin Sulfate</td>
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<td>BP910-50</td>
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<tr>
<td>Tetracycline Hydrochloride</td>
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