

**CultGene**<sup>™</sup>  
**molecular**  
microbiology

Sold exclusively through

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*We Enable Science*

Manufactured by

 **HARDY**  
DIAGNOSTICS  
*A Culture of Service<sup>™</sup>*

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**CulGenez™**

**molecular**  
microbiology

- 1 Culture Media Powder
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- 2 Prepared Culture Media (Broth Bottles and Flasks)
- 3 Antibiotics and Chromogenic Supplements
- 3 Dehydrated Buffers
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- 5 Competent Cells (RapidCELLS™) *E. coli*

# CULTURE MEDIA POWDER

CulGenex™ dehydrated culture media is offered in pre-weighed pouches to prepare 500ml of media. Media formulations are also available in a variety of bulk sizes. Each lot of CulGenex™ media is meticulously tested for optimal performance and reproducibility.

## LB Agar, Miller

500gm wide-mouth bottle, each	89405-562
2kg bucket, each	89405-564

## LB Agar, Lennox

500ml Mylar® pouch, 6/pk	89501-488
2L Mylar® pouch, each	89406-476
500gm wide-mouth bottle, each	89406-478
2kg bucket, each	89406-480

## LB Broth, Miller

2L Mylar® pouch, each	89405-570
500gm wide-mouth bottle, each	89405-572
2kg bucket, each	89405-574
10kg bucket, each	89405-576

## LB Broth, Lennox

500ml Mylar® pouch, 6/pk	89501-486
2L Mylar® pouch, each	89406-468
500gm wide-mouth bottle, each	89406-470
2kg bucket, each	89406-472

## Super Broth

500ml Mylar® pouch, 6/pk	89405-050
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## Terrific Broth with Glycerol

500gm wide-mouth bottle, each	89406-700
2kg bucket, each	89406-702
10kg bucket, each	89406-704

## YPD Agar

500ml Mylar® pouch, 6/pk	89405-042
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## 2xYT Medium Broth

500gm wide-mouth bottle, each	10053-694
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500GM WIDE-MOUTH  
BOTTLE



## PREPARED CULTURE MEDIA, (PLATES)

CulGenex™ prepared plates are manufactured in an FDA registered, ISO 13485 certified facility and quality control tested to the highest standard.

### LB Agar

15x100mm plate, 10/pk 89407-280

### LB Agar + Ampicillin 100µg/ml

15x100mm plate, 26ml fill, 10/pk 89407-348

### LB Agar w/Amp. +XGAL+IPTG

15x100mm plate, 26ml fill, 10/pk 10153-326

### LB Agar + Carbenicillin 100µg/ml

15x100mm plate, 26ml fill, 10/pk 89407-284

### LB Agar + Kanamycin 50µg/ml

15x100mm plate, 26ml fill, 10/pk 89407-210

### LB Agar, Lennox

15x100mm plate, 26ml fill, 10/pk 89407-344

### LB Agar + Tetracycline 25µg/ml

15x100mm plate, 26ml fill, 10/pk 89407-286

### YPD Agar

15x100mm plate, 10/pk 89407-316

## Heat and Pour™ Format

CulGenex™ Heat and Pour, is ready-to-use, just microwave and pour. LB Agar Media formulations are recommended for the cultivation of bacteria used in molecular biology studies.

### LB Agar, Heat and Pour™

1L polycarbonate bottle, 500ml fill, 10/pk 89407-062

HEAT AND POUR™ FORMAT. SIMPLY MICROWAVE AND POUR INTO A PETRI DISH.



## PREPARED CULTURE MEDIA (BROTH BOTTLES AND FLASKS)

CulGenex™ prepared broths are manufactured in an FDA registered, ISO 13485 certified facility and quality control tested to the highest standard. Don't waste valuable time and resources preparing your culture media; let CulGenex™ prepare it for you.

### LB Broth

125ml PC bottle, 100ml fill, 6/pk 89406-858

500ml PC bottle, 500ml fill, 10/pk 89407-046

1L PC bottle, 1L fill, 10/pk 89407-050

### LB Broth, Lennox

1L PC bottle, 1L fill, 10/pk 89407-058

### YPD Broth

500ml PC bottle, 500ml fill, each 89407-088

## Bacterial Preservation

### CryoSaver™ Cryogenic Vial with 30% Glycerol

2ml cryogenic vial, 0.5ml fill, 81/pk 89407-084



2ML CRYOGENIC VIAL  
CRYOSAVER™

1 LITER  
POLYCARBONATE BOTTLE

# ANTIBIOTICS AND CHROMOGENIC SUPPLEMENTS

CulGenex™ Antibiotic and Chromogenic Supplements are recommended for use in the selective and differential growth of recombinant strains of *Escherichia coli* used for genetic research.

<b>Ampicillin Solution, 50mg/ml</b>	
1.5ml tube, 1ml fill, 6/pk	89406-886
<b>Carbenicillin Solution, 100mg/ml</b>	
1.5ml tube, 1ml fill, 6/pk	89406-916
<b>Kanamycin Solution, 50mg/ml</b>	
1.5ml tube, 1ml fill, 6/pk	89406-910
<b>IPTG Solution, 0.1M</b>	
1.5ml tube, 1ml fill, 6/pk	89406-890
<b>X-GAL Solution, 40mg/ml</b>	
1.5ml tube, 1ml fill, 6/pk	89406-888
<b>X-GAL Solution, 40mg/ml/IPTG, 0.1M</b>	
1.5ml tube, 1ml fill, 6/pk	89406-900



## DEHYDRATED BUFFERS

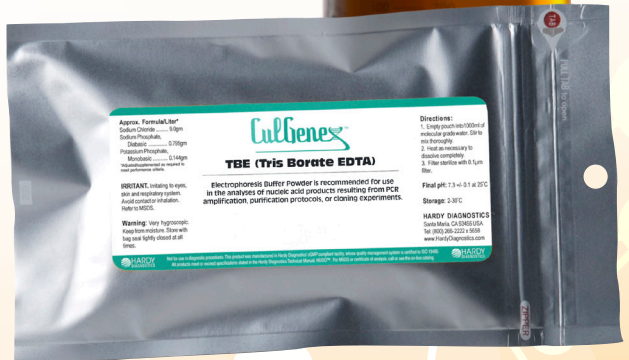
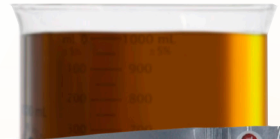
Pre-weighed powder in a Mylar® pouch to make 1L of buffer.

CulGenex™ powders are offered in convenient Mylar® pouches for ease-of-use and efficient storage. Each lot of CulGenex™ buffer is meticulously tested for performance.

### DNA Electrophoresis

Each pouch contains enough powder to make 1 liter.

<b>TBE (Tris Borate EDTA) Powder 10X</b>	
1L Mylar® pouch, 6/pk	89405-062



Apexis, FormidAster™  
Sodium Chloride ..... 51gm  
Sodium Phosphate.....  
Dibasic ..... 5.70gm  
Propylene Glycol.....  
Methanol ..... 12.7gm  
Hexamethylenetetramine ..... 1.0gm

**CulGenex™**  
**TBE (Tris Borate EDTA)**

Electrophoresis Buffer powder is recommended for use in the analyses of nucleic acid products resulting from PCR amplification, purification protocols, or cloning experiments.

**Directions:**  
1. Empty contents into 1 liter of molecular grade water. Stir to mix thoroughly.  
2. Heat the mixture to 60°C to complete.  
3. Filter (optional with 0.2µm filter).

**Final pH:** 7.3 - 8.1 at 20°C  
**Storage:** 2-8°C

**HARDY DIAGNOSTICS**  
Santa Maria, CA 95369 USA  
Tel: 409.263.2222 x 3008  
www.hardydiagnostics.com

**WARNING:** Very hygroscopic. Keep from moisture. Store with top seal tightly closed at all times.

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# ELECTROPHORESIS GELS AND BUFFERS

VWR offers a complete selection of CulGenex™ brand electrophoresis buffers for a variety of applications. Several grades of powder are offered for the preparation of agarose gels; or save time and labor by using CulGenex™ pre-mixed gels. These gels contain agarose, pre-dissolved, in your choice of TAE or TBE buffer, with ethidium bromide already added. Just heat and pour!

## DNA Electrophoresis TWIST TOP CONTAINER FORMAT, POWDER

### Agarose, LE Molecular Grade

250ml polypropylene wide mouth jar,	
100gm fill, each	89406-784
500ml HDPE jar, 500gm fill, each	89406-786

### Agarose, PCR Grade

250ml polypropylene wide mouth jar,	
25gm fill, each	89406-788

### Agarose, Low Melt

250ml polypropylene wide mouth jar,	
25gm fill, each	89406-792

## Running Buffer

<b>TBE (Tris Borate EDTA), Powder 10X</b>	
1L Mylar® pouch, 6/pk	89405-062

READY-TO-USE  
JUST HEAT AND POUR!

INCLUDES ETHIDIUM BROMIDE



# PHOSPHATE BUFFERED SALINE (PBS)

VWR offers a large selection of CulGenex™ brand phosphate buffered saline products to meet your needs! Available in a range of pH values and a variety of sizes, at both 1X and 10X concentrations. All 1X PBS solutions are endotoxin, nuclease, and protease free. Also available in powdered form: just add water and sterilize!

### Dulbecco's (DPBS), 1X, pH 7.2 Powder

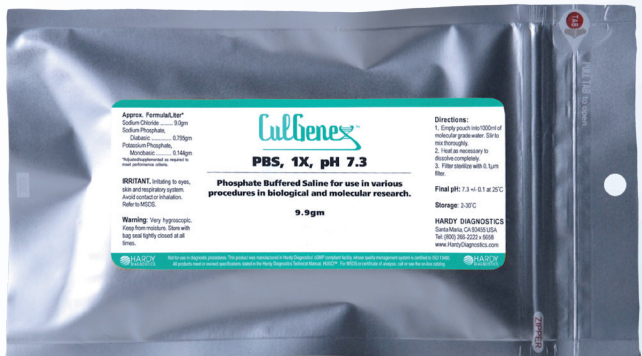
1L Mylar® pouch, 6/pk	89405-054
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### Dulbecco's Phosphate Buffered Saline, (DPBS)

10X, pH 7.2 - 7.4, 1L polycarbonate bottle,	
1000ml fill, each	10136-064

### Phosphate Buffered Saline (PBS)

10X, pH 7.4, 1L polycarbonate bottle,	
1000ml fill, each	10136-056
10X, pH 7.4, 1L polycarbonate bottle,	
1000ml fill, 10/pk	10136-058
1X, pH 7.4, 1L polycarbonate bottle,	
1000ml fill, 10/pk	10136-054





# YEAST CULTURE PRODUCTS

CulGenex™ prepared yeast growth media formulations are manufactured in an FDA registered, ISO 13485 facility to ensure the highest quality and consistency available.

## Yeast Growth Plates

All plates listed below are 15x100mm plate, 26ml fill, monoplates.

SC minus Adenine and Histidine,  
10/pk

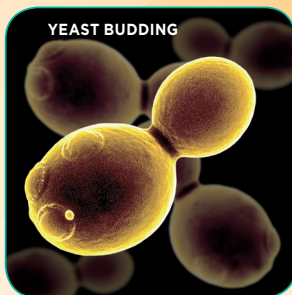
89407-320

## Yeast Growth Powder

### Yeast Peptone Dextrose (YPD) Broth

500ml Mylar® pouch, 6/pk

89405-044



## MOLECULAR GRADE WATER

Water quality is important for molecular biology applications! CulGenex™ molecular grade water is highly purified, sterile, and endotoxin, nuclease, and protease free. CulGenex™ also offers DEPC treated water for further assurance of an RNase free solution. Both grades of water are available in a variety of sizes to suit your needs.

### DEPC Treated, Ultra Pure

125ml polycarbonate bottle, 100ml fill, 6/pk

89407-022

### Water, Ultra Pure

125ml polycarbonate bottle, 100ml fill, 6/pk

89407-034

1L Irradiated, polycarbonate bottle,

1000ml fill, 10/pk

10136-068

# RAPIDCELLS™ E. COLI COMPETENT CELLS

**DNA transformation in 20 Seconds... without heat shock!**

RapidCELLS™ are premade, chemically competent strains of *E. coli* made for simple and highly efficient DNA transformation. RapidCELLS™ *E. coli* competent cells are made chemically competent by a method that completely eliminates the need for heat shocking and related procedures.



Strain	Genotype	Description	Cat. no.	Size
Rapid5-α	F-φ80lacZΔM15 Δ(lacZYA-argF) U169 deoR nupG recA1 endA1 hsdR17 (rK- mk+) phoA glnV44 (supE44) thi-1 gyrA96 relA1, λ-	General cloning, blue-white selection, plasmid isolation (slow growth, some plasmids not stable).	89407-850	20x100µl aliquots (20 tubes)
			89407-848	5x100µl tubes



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