

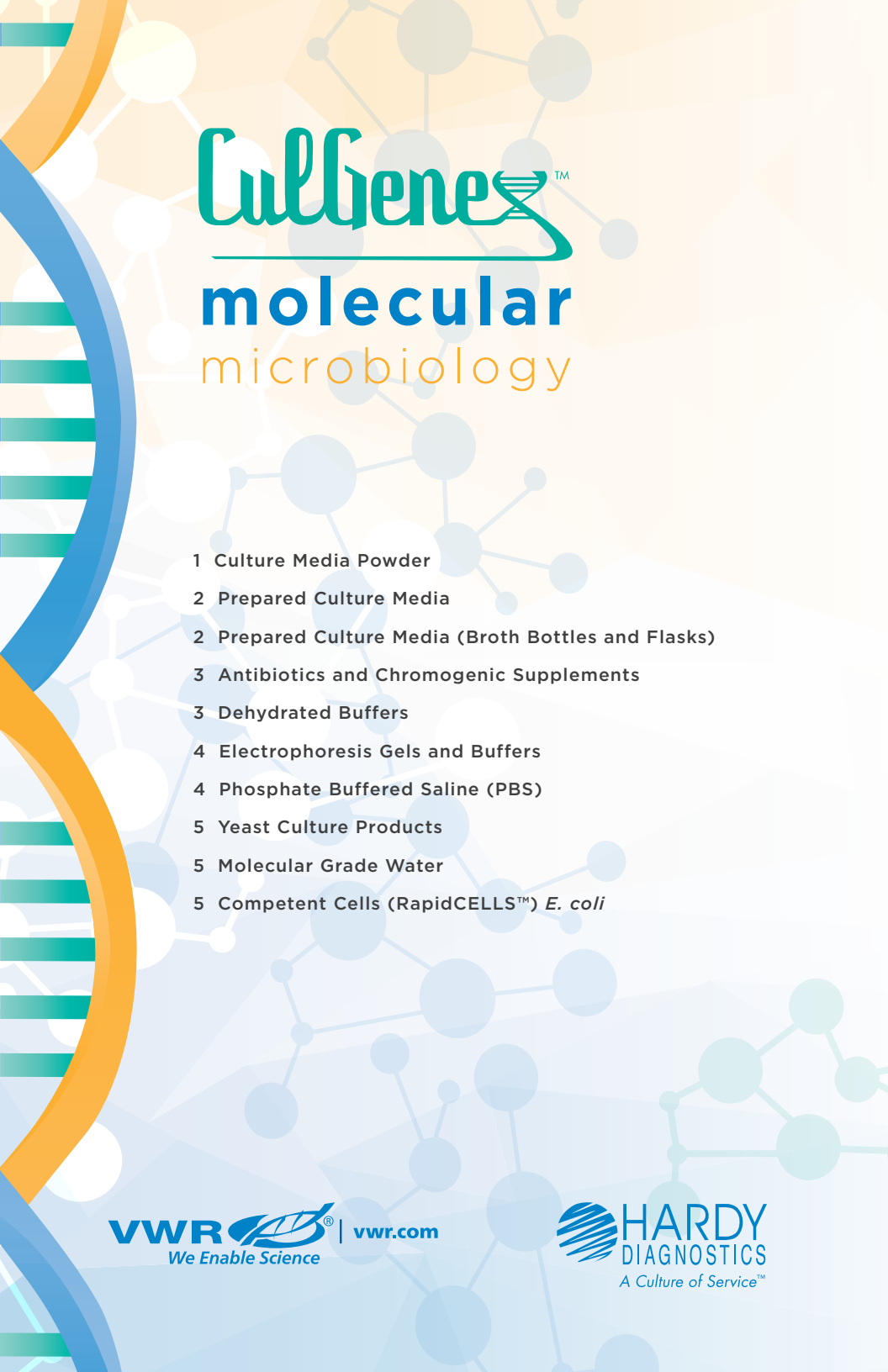
CultGene[™]
molecular
microbiology

Sold exclusively through

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We Enable Science

Manufactured by

 **HARDY**
DIAGNOSTICS
A Culture of Service[™]



CulGenes™

molecular microbiology

- 1 Culture Media Powder
- 2 Prepared Culture Media
- 2 Prepared Culture Media (Broth Bottles and Flasks)
- 3 Antibiotics and Chromogenic Supplements
- 3 Dehydrated Buffers
- 4 Electrophoresis Gels and Buffers
- 4 Phosphate Buffered Saline (PBS)
- 5 Yeast Culture Products
- 5 Molecular Grade Water
- 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



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.

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



DEHYDRATED BUFFERS

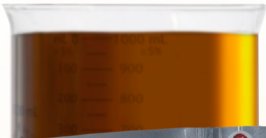
Pre-weighed powder in a Mylar® pouch to make 1L of buffer.

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.

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



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

TBE (Tris Borate EDTA), Powder 10X

1L Mylar® pouch, 6/pk	89405-062
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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

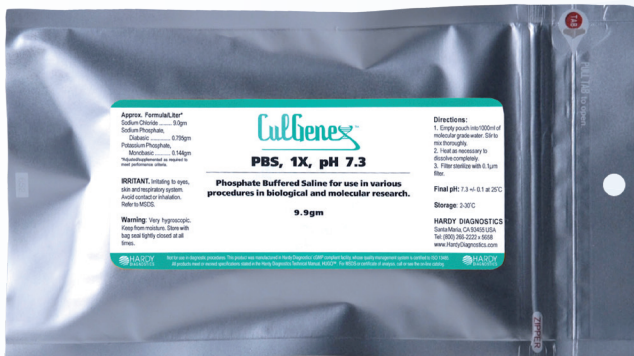
1L Mylar® pouch, 6/pk	89405-054
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Dulbecco's Phosphate Buffered Saline, (DPBS)

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

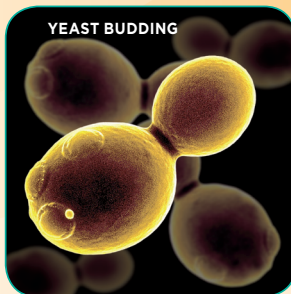
89407-320

Yeast Growth Powder

Yeast Peptone Dextrose (YPD) Broth

500ml Mylar® pouch, 6/pk

89405-044



**SOUTHERN
BLOT**



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



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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