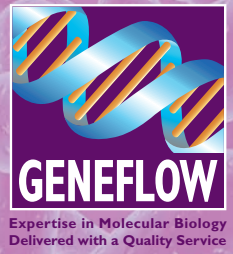


Consumables



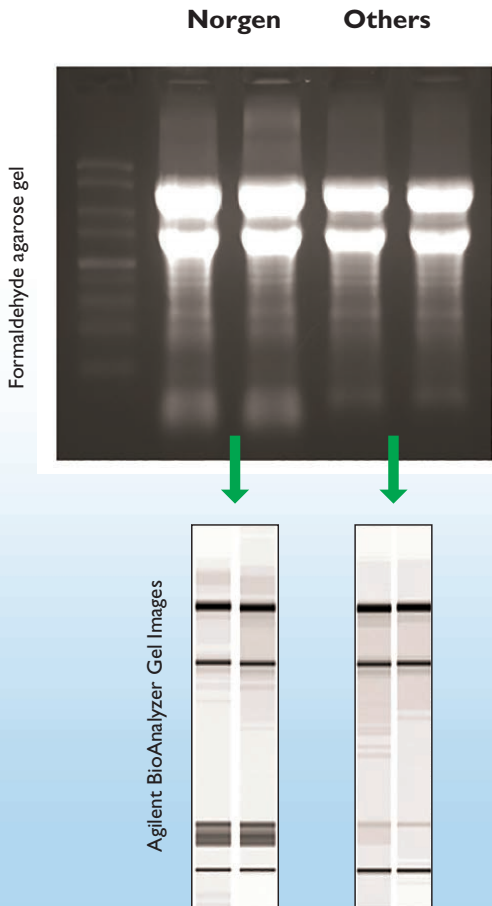
The New Standard in Sample Purification

NORGEN
BIOTEK CORP.

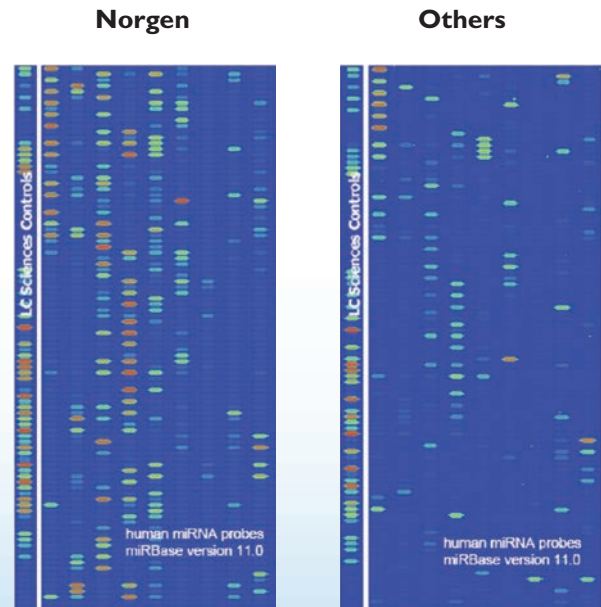


RNA, microRNA, DNA and Protein Purification from any sample including:

- Plasma, Serum, Blood
- Exosomal RNA
- Urine, Saliva, Sputum, Stool
- Yeast, Fungi, Bacteria, Virus
- LCM, FFPE
- Single Cells
- Plant, Soil, Water,
- Cells, Tissues



True Total RNA (including microRNA) without Phenol



True Total RNA (including microRNA) without Phenol

Ready for any sensitive and advanced downstream application including:

- Next Generation Sequencing
- Microarrays
- PCR, qPCR
- RT-PCR, qRT-PCR
- Whole Transcriptome Amplification
- Digital PCR
- Single Cell Genomics
- Copy Number Variation and more

Transfection Reagents

The Mirus Bio transfection reagents provide superior transfection efficiency with minimal toxicity due to the novel non-liposomal, polymeric technology that is employed.

DNA, RNA and siRNA/miRNA Transfection

- *TransIT*-X2™

Broad Spectrum DNA Transfection

- *TransIT*®-2020 and *TransIT*®-LT1

Cell Line Specific DNA Transfection

- *TransIT*®-293
- *TransIT*®-Jurkat
- *TransIT*®-BrCa
- *TransIT*®-Keratinocyte
- *TransIT*®-CHO
- *TransIT*-Neural®
- *TransIT*-HeLaMONSTER®
- *TransIT*®-Insect

RNA Transfection

Large RNA (Viral RNA and mRNA)

- *TransIT*®-mRNA Transfection Kit

siRNA/miRNA

- *TransIT*-TKO® and *TransIT*-siQUEST®

CRISPR/Cas Genome Editing

Mirus *TransIT*® Transfection Reagents can be used to deliver CRISPR/Cas plasmids

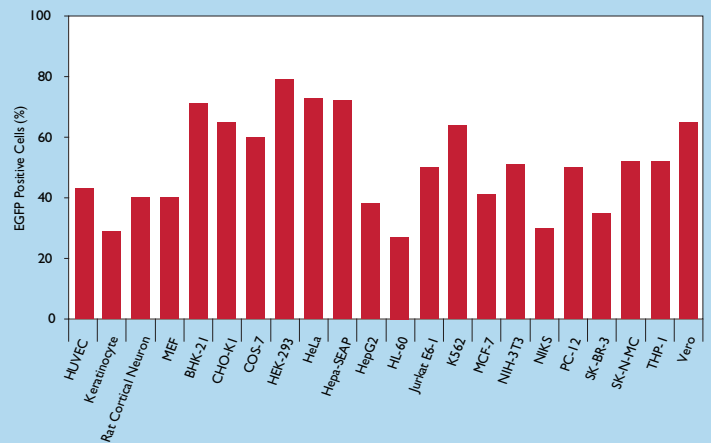


Electroporation Cuvettes



- Compatible with leading electroporation systems
- 1mm, 2mm and 4mm sizes
- Individually wrapped, gamma irradiated

Electroporation Solution InGenio™ Solution



Efficient plasmid DNA delivery using InGenio™ solution with Amaxa Nucleofector device.

- Increases efficiency for eukaryotic cell electroporation
- Can be used in place of Nucleofector® kits therefore saving money
- Replaces PBS and serum-free media for standard electroporation



Protein Electrophoresis and Western Blotting

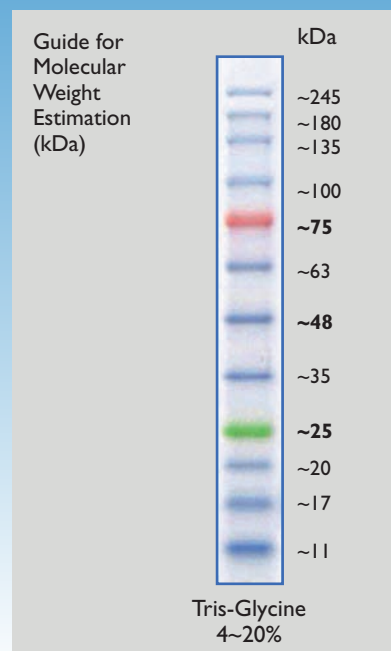
Gel Solutions and Ultra-Pure Buffers



- ProtoGel® 37.5: 1 and Accugel™ 29:1
- Tris-Glycine-SDS PAGE Buffer (10X) and Tris-Glycine Blotting Buffer (10X)
- Protogel Resolving & Stacking Buffers, Protein Loading Buffers (2X and 5X)



BLUeye Pre-Stained Protein Ladder



- 12-245 kDa range
- Red and green counterstained bands for orientation
- 2µl loading volume making it extremely economical

Western Blotting Detection Kits and Nitrocellulose Membrane



Western Blotting Kit

- EZ-ECL kit for routine HRP detection
- Westar ETAC kit for detecting medium abundance proteins at high-femtogram levels
- Westar SuperNova kit, highly sensitive with low background for detecting low-femtogram protein levels

Nitrocellulose Membrane

- Nitrocellulose membrane with high binding capacity yet low background available in 0.2µm and 0.45µm pore sizes

DNA Electrophoresis and Staining

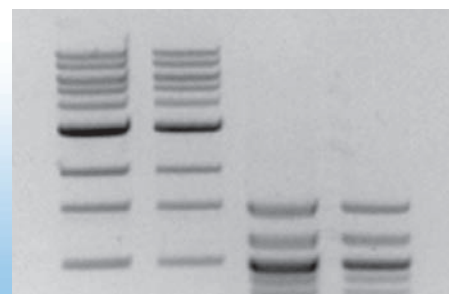
Agaroses

- Molecular Biology Grade, Low Melt and High Strength
- Suitable for cloning



Midori Green DNA Stain

- Ethidium Bromide alternative
- Comprehensive safety data available
- Simple to use



DNA Ladders

- Quantitative, ready-to-use
- Produce sharp, discreet bands
- 12 different types to suit all applications



Mycoplasma Detection, Treatment and Disinfectants

EZ-PCR Mycoplasma Detection Kit

- Rapid and sensitive
- Supplied with complete reaction mix (Taq Polymerase)
- Based on amplification of a conserved and mycoplasma-specific 16s rRNA gene region using two primers



Mycoplasma Treatment with Antibiotics (BIOMYC -1, 2 & 3)



- Consists of antibiotic combinations for greater efficiency
- Eliminate 90% of the contaminations found in cell cultures
- When used according to instructions, no cytotoxic effects occur

NutriStem® Media for Stem Cell Culture

Induced Pluripotent Stem Cell & Human Embryonic Stem Cell Culture

Defined, xeno-free (XF), serum-free media (SFM) specially formulated for optimal growth and expansion of undifferentiated human embryonic stem cells (hESCs) and human induced pluripotent stem cells (hiPSCs)

Human Mesenchymal Stem Cell Culture

A defined xeno-free, serum-free medium, designed to support the growth of human mesenchymal stem cells (hMSC) from a variety of sources



Disinfectants



Aquaguard Solutions

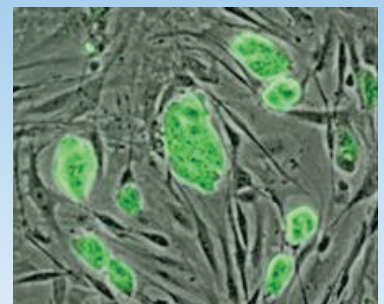
- Aquaguard-1 Solution for disinfecting water baths in CO₂ incubators
- Aquaguard-2 Solution for prevention of microbial growth in standard water baths

Pharmacidal Disinfectant Spray for Surfaces

- Prevents contamination, growth of fungi (and spores), bacteria (and spores), mycoplasma and viruses including HIV and Hepatitis B
- Non-toxic and biodegradable
- Suitable for incubators, hoods and sterile benches

Cell Dissociation Solution*

- Non-enzymatic, protein-free, animal component-free formulation
- Proprietary mixture of chelators for gentle dissociation of adherent cells
- Cells can be exposed to the solution for prolonged periods of time without damage
- Contains no enzymes or proteases



* This is not recommended for cells which are very difficult to dislodge