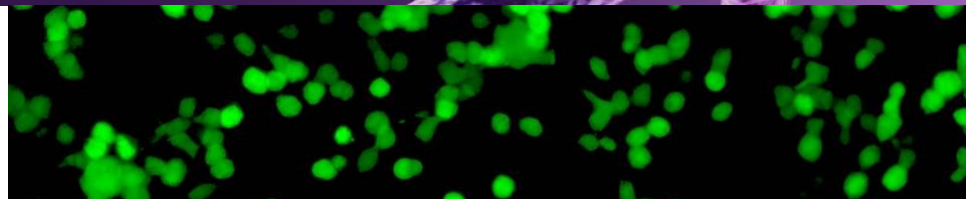




Product Focus: Cell Culture



Transfection

The **TransIT®** range of transfection reagents have a proven track record for delivering any nucleic acid into any cell type

Broad Spectrum Transfection Reagents

TransIT-X2®—Offers superior delivery of plasmid DNA and/or siRNA into a broad range of cell types

TransIT®-LT1—For the delivery of plasmid DNA to a variety of cells with minimal cellular toxicity

TransIT®-2020—For persistently hard to transfect cell lines and primary cells

Experiment Specific Transfection Reagents

For when efficiency is paramount, Mirus have optimised transfection for specific cell and nucleic acid types

Nucleic Acid Specific TransIT®—For knockdown using sh/siRNA, introduction of mRNA, and CRISPR transfection

Cell Specific TransIT®—Transfection reagents optimised for specific cell lines. Including: **293, BrCa, CHO, Hela, Insect, Jurkat, Keratinocyte, Insect Cells** etc

Protein Expression Reagents

For the expression of Proteins in mammalian cell lines, such as CHO and HEK293 cell types. Mirus offers a full kit and protocol for the transfection and maximisation of expression

Virus Production Reagents

Mirus have created a full range of reagents to maximise functional titre of virus, increasing the efficiency of stable cell production



Disinfection/Mycoplasma Testing

Fermacidal Disinfectant Spray

- Safe for the incubator and cell culture hood
- Non-corrosive and non-volatile disinfectant, that works via air drying
- Leave cells and equipment in place, spray to cover all surfaces and leave to air dry
- Effective against bacteria, fungi, mycobacteria, mycoplasma, viruses (Hepatitis, HIV, Rota, Influenza, Corona, etc.)



ThermoClean Water Protectants

Prevents bacteria, viruses, yeasts, fungi, and algae from growth and prevents endospores from flourishing in water

ThermoClean CPX—Formulated for protection of water baths and water circulation systems. Supplied with integrated pH indicator

ThermoClean BI—Formulated for protection of the water trays of biological incubators

Each product comes in 100 ml size that treats 100 litres of water.

EZ-PCR Mycoplasma Test

A highly-sensitive and specific PCR-based assay designed to detect a broad range of mycoplasma species in cell cultures and other biological materials



Cell Freezing

Bambanker™ Freezing Media

Simplify your workflow

- No Mr Frosty, no step freezer, cells are resuspended in Bambanker and stored directly at -80°C
- Thaw straight into growth media, no extra FBS needed
- Use with all cell types, from HEK293s to iPSCs

No Need for Liquid Nitrogen

- Preserve cells at -80°C for years, with no need for additional or expensive ultra-low freezers
- Store and inventory your cells safely and easily

Maximise Cell Recovery

- High survival rates of cells
- Gives excellent recovery even with the most delicate cells
- Minimise stem cell differentiation on recovery

Maintain Consistency

- Animal Sera-free and screened for contaminants
- Ready-to-use straight from the bottle
- Manufactured to a defined formula





Product Focus: Cell Culture



Cell Culture Chamber

FastGene® Cell Culture Chamber

For the protection or quarantining of cells within the incubator.

- Self-contained chamber with HEPA filters
- Replaceable filters (<0.4 µm pore size) allow incubator air to flow around the cells whilst hindering the passing of pathogens, e.g. bacteria or fungi.
- Fully autoclavable (max 121°C) to ensure sterility
- Dimensions 393 x 158 x 84mm
- Compatible with:
 - ◇ Petri dishes
 - ◇ T25 flasks
 - ◇ T75 flasks
 - ◇ 6-well plates
 - ◇ 12-well plates
 - ◇ 24-well plates
 - ◇ 96-well plates



Electroporation

Ingenio® EZporator® Electroporation System

Ingenio® EZporator® Electroporation System is a cost-effective, straight forward and open system

- Performance: deliver any nucleic acid to hard-to-transfect, stem and primary cells
- Simplicity: use a single, universal electroporation solution across all cell types
- Flexibility: easily optimize electroporation parameters for each cell type



Ingenio® Electroporation Solution

- High Efficiency Electroporation - Deliver to hard to transfect cell lines and primary cells
- Compatible with most conventional electroporation devices including Lonza-Amaxa®, Bio-Rad® or Harvard BTX®

Electroporation Cuvettes

Geneflow electroporation cuvettes are compatible with the majority of routine electroporation systems on the market whilst the Ingenio™ cuvettes are designed for use with the Amaxa Nucleofector.

Product Name

Cat No.

TransIT®-LT1 Transfection Reagent – MIR 2304—0.4ml	E7-0004
TransIT®-LT1 Transfection Reagent – MIR 2300—1ml	E7-0002
TransIT®-X2® Transfection Reagent – MIR 6003—0.3ml	E7-0174
TransIT®-X2® Transfection Reagent – MIR 6004—0.75ml	E7-0176
TransIT®-2020 Transfection Reagent – MIR 5404—0.4ml	E7-0142
TransIT®-2020 Transfection Reagent – MIR 5400—1ml	E7-0144
TransIT®-Lenti Transfection Reagent – MIR 6604—0.75ml	E7-0224
TransIT®-VirusGEN® Transfection Reagent – MIR 6704—0.75ml	E7-0264
Fermacidal D2 Non-Toxic Disinfectant —1 Litre Spray Bottle	K1-0406
Fermacidal D2 Non-Toxic Disinfectant —5 Litre Refill	K1-0408
Thermoclean BI Stabilising Concentrate for Biological Incubators—100ml	K1-0420
ThermoClean CPX Stabilising Concentrate for Water Baths and Water Circulation Systems - 100ml	K1-0430
EZ-PCR Mycoplasma Test Kit - 20 Assays	K1-0210
Bambanker Cell Freezing Media—120ml	K1-0660
Bambanker Cell Freezing Media—5 x 20ml	K1-0662
Bambanker Cell Freezing Media—20ml	K1-0664
Bambanker Cell Freezing Media—10ml	K1-0666
Bambanker HRM Cell Freezing Media—20ml	K1-0672
Bambanker Direct Cell Freezing Media—20ml	K1-0668
Bambanker DMSO Free Cell Freezing Media—20ml	K1-0676
Fastgene® Cell Culture Chamber	K2-0100
Replacement Set of Filters for Cell Culture Chamber	K2-0102
Ingenio® EZporator® Electroporation System	E4-0040
Ingenio® Electroporation Solution—6.25ml	E7-0516
Ingenio® Electroporation Solution—12.5ml	E7-0518
Geneflow Electroporation Cuvettes, Sterile, Individually Wrapped 1mm, Red Cap—Box 50	E6-0050
Geneflow 'X' Electroporation Cuvettes with Longer Electrode Design, Sterile, Individually Wrapped, 1mm, Red Cap—Box 50	E6-0052
Geneflow Electroporation Cuvettes, Sterile, Individually Wrapped, 2mm, Blue Cap—Box 50	E6-0060
Geneflow 'X' Electroporation Cuvettes with Longer Electrode Design, Sterile, Individually Wrapped, 2mm, Blue Cap—Box 50	E6-0062
Geneflow Electroporation Cuvettes, Sterile, Individually Wrapped, 4mm, Green Cap—Box 50	E6-0070
Ingenio® Cuvettes, 0.2cm – Pk 50	E7-0524
Ingenio® Cuvettes, 0.4cm – Pk 50	E7-0528