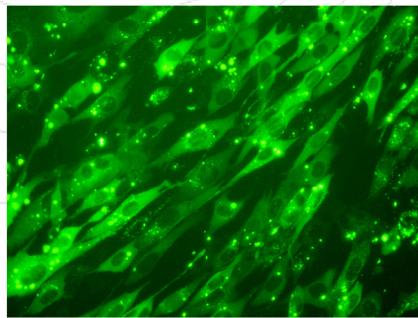


• ImmunoCellin Antibody Delivery Reagent

Antibodies are not able to pass through plasmic membranes of live cells towards potential intracellular targets. Thousands of antibodies have been developed as tools for the scientists. Their intracellular delivery opens new fields of investigation for both research and therapeutic applications. ImmunoCellin (patent pending) is a very efficient and non-toxic antibody intracellular delivery reagent based on a cationic lipids formulation. It allows encapsulating antibodies through non-covalent interactions. Since no organic chemical coupling occurs, the delivered antibodies retain their structure and function. This system is not inhibited by the presence of serum which make its use possible for *in vivo* approaches.



ImmunoCellin Antibody Delivery Reagent advantages

Effective intracellular delivery of antibodies

High reproducibility

No toxicity

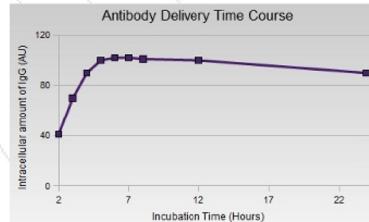
Serum compatible

Efficient with a wide variety of cell types including primary cells

Applications

Immunolabeling in live cells

Intracellular delivery of blocking or neutralizing antibodies



Product References

Packaging

GeneCellin Transfection Reagent

| | |
|--------|--------|
| GC500 | 0.5 mL |
| GC1000 | 1 mL |
| GC5000 | 5x1 mL |

3D Cell Transfection Kit

| | |
|----------|-------|
| 3D-DNA24 | 1 kit |
| 3D-DNA96 | 1 kit |

Red-Calcium Phosphate Transfection Kit

| | |
|------|-------|
| CP75 | 1 kit |
|------|-------|

RiboCellin siRNA Delivery Reagent

| | |
|--------|--------|
| RC500 | 0.5 mL |
| RC1000 | 1 mL |
| RC4000 | 4x1 mL |

ImmunoCellin Antibody Delivery Reagent

| | |
|-------|--------|
| IC100 | 0.1 mL |
| IC500 | 0.5 mL |



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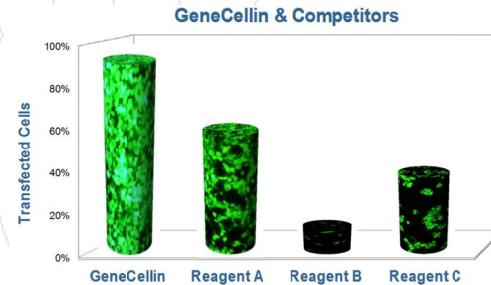
Your Partner in Drug Delivery

Product Focus

www.biocellchallenge.com

• GeneCellin Transfection Reagent

GeneCellin is a powerful *in vitro* transfection reagent (patent pending) which allows to achieve higher delivery efficiencies of plasmid DNA into cell lines and primary cells compare to other lipid and polymer based transfection reagents. This innovative transfection reagent is composed by a stable formulation of nanoparticles we have named "nanoporters". This technology allows achieving superior and reproducible transgene expression levels without any toxic effect.



GeneCellin DNA Transfection Reagent advantages

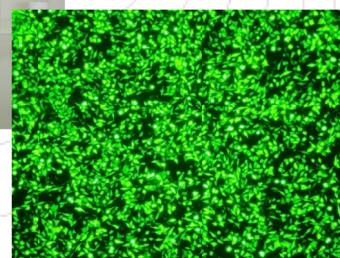
- High efficiency and reproducibility
- Maximum cell viability
- Low amount of DNA required
- Serum compatible
- Rapid one-tube protocol

GeneCellin is ideal to transfect

- Cell lines and primary cells
- Hard-to-transfect cells including stem cells

Applications

- Stable and transient transfections
- Co-transfections



• 3D Cell Transfection Kit

The 3D Cell Transfection Kit is the world's first 3D *in vitro* transfection technology which allows researchers to achieve high delivery efficiencies of plasmid DNA into 3D cultured cells. This innovative product includes a sterile plate containing 3D Cell Culture Scaffolds (3D Biotek, LLC) and an especially designed 3D Transfection Reagent (BioCellChallenge, SAS). With this kit, researchers can now perform extended 3D transgene expression studies in cells grown in physiological-like tissue environments.



3D Cell Transfection Kit advantages

- In vivo*-like cell culture environment
- High transfection efficiency and reproducibility
- Increased protein production
- Longer transgene expression
- Easy separation of secreted proteins
- One step « Transfect and Seed » protocol
- Compatible with inverted light microscope

3D Cell Transfection Kit is ideal to transfect

- Adherent cell lines
- Primary and stem cell culture

• Red Calcium Phosphate Transfection Kit

This method allows to introduce DNA inside cells and works best with highly transformed adherent cell lines such as HEK293. However, other cells and cell lines can be transfected with this method. If its transfection efficiency is not as high as the one obtain by using last generations of cationic polymers and cationic lipids, it presents several advantages including very low cytotoxicity with sensitive cells.



Red Calcium Phosphate Transfection Kit advantages

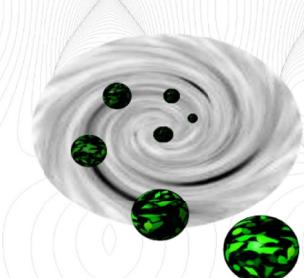
- The economical way to transfet efficiently HEK293
- Better stability and reproducibility
- High cell viability
- Serum compatible
- Easy to handle

Applications

- Stable and transient transfections
- Recombinant protein production
- Virus production

• RiboCellin siRNA Delivery Reagent

RiboCellin is a lipid-based siRNA delivery reagent for research applications. This specifically designed reagent allows very efficient and reliable delivery of siRNA in a wide variety of cell types including primary cells and stem cells.



RiboCellin siRNA Delivery Reagent advantages

- Efficient knock-down even with low amount of siRNA
- High reliability
- No toxicity or unwanted off-target effects
- Efficient with a wide variety of cell types
- Serum compatible

