


GeneCarry Transfection Reagent

Product information:

GeneCarry Transfection Reagent is a high-performance formulation specifically designed to transfect nucleic acids into a wide variety of eukaryotic cells. For optimal results, DNA-GeneCarry complexes must be prepared in serum-free medium and can be directly added to cells in culture medium, with or without serum/antibiotic. After transfection, there is no need to remove complexes or change/add medium. The amount of GeneCarry Reagent required for successful transfection varies depending on the cell type and passage number. To determine the optimal amount, we recommend testing the recommended four concentrations of GeneCarry Reagent when starting any new transfection.

Components	Cat.No.: AN014-1	Cat. No.: AN014-2	storage
GeneCarry Transfection Reagent	0.75ml	1.5ml	2-8°C

 This product is intended for use by trained laboratory personnel only. It is important to follow proper laboratory safety protocols when handling this product. This includes wearing appropriate protective eyewear, clothing, and gloves to reduce the risk of exposure. In the event of contact with skin or eyes, rinse immediately with copious amounts of water and seek medical attention if necessary.

Preparation:

1. Plate cells so they will be 70% - 90% confluent at the time of transfection.
2. Prepare plasmid DNA- GeneCarry complexes.
3. Add DNA-GeneCarry complexes to cells.

Protocol:

1. Lipo2000 DNA Transfection Reagent Protocol:

Components	96-well	24-well	6-well
Final DNA per well	100ng	500ng	2500ng
GeneCarry reagent per well	0.2-0.5µl	1.0-2.5µl	5.0-12.5µl

2. Co-Transfection of Plasmid DNA and siRNA:

Transfect plasmid DNA and siRNA at the same time using GeneCarry Reagent by adding 30 pmol (~0.6 µg) of siRNA per 1 µg of DNA.

3. mRNA Transfection:

mRNA can be transfected in a 24-well plate using GeneCarry Reagent by adding 0.5 - 1 µg of mRNA per well.

4. GeneCarry Transfection Reagent Protocol:

Transfect cells according to the following chart. Volumes are given on a per-well basis. Each reaction mix is sufficient for triplicate (96-well), duplicate (24-well), and single well (6-well) transfections, and accounts for pipetting variations. Adjust the amounts of components according to your tissue culture.

Shipping and storage:

Storage temperature should be between 2-8°C, and the shelf life is two years. **Do not freeze!!!**

Technical support:

If you have any questions or concerns, please don't hesitate to reach out to our support team at support@angeneovo.no. Our knowledgeable and friendly team is available to assist you and ensure a positive experience with our product.

Disclaimer And Warranty:

This product is compliant with its relevant specifications and intended for its stated purpose. However, ANGENOVO AS does not provide any other warranty or guarantee regarding the product's description or quality. Any such warranties or guarantees are explicitly excluded to the fullest extent allowed by law. ANGENOVO AS will not be held liable for any special, incidental, indirect, multiple or consequential damages related to or arising from the use of this product. The liability of ANGENOVO AS will not be limited or excluded for death or personal injury caused by its negligence, fraud, or fraudulent misrepresentation or any matter where it would be illegal to exclude or restrict such liability.

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