

# DharmaFECT<sup>TM</sup> transfection reagents

The DharmaFECT transfection reagent, indicated below, has been quality controlled and passed the criteria as set forth in the table.

- |                          |                |              |                  |
|--------------------------|----------------|--------------|------------------|
| <input type="checkbox"/> | DharmaFECT 1   | Cat. #T-2001 | Store at +4 °C   |
| <input type="checkbox"/> | DharmaFECT 2   | Cat. #T-2002 | Do not Freeze    |
| <input type="checkbox"/> | DharmaFECT 3   | Cat. #T-2003 | Lot #:           |
| <input type="checkbox"/> | DharmaFECT 4   | Cat. #T-2004 | Expiration Date: |
| <input type="checkbox"/> | DharmaFECT Duo | Cat. #T-2010 |                  |

Test	Specification	Pass
Thin Layer Chromatography (TLC) of Cationic Lipid Compound	TLC analysis must show a single spot for the desired compound. The Rf of the test sample must be equivalent to the Rf of the reference sample.	<input checked="" type="checkbox"/>
Mass Spectroscopy of Cationic Lipid Compound	The molecular weight must be consistent with the expected structure.	<input checked="" type="checkbox"/>
Sterility Testing	Results of incubating samples in Fluid Thioglycollate medium and YET Agar plates must show no evidence of microbial contamination during a seven (7) day period at 37 °C and 30 °C.	<input checked="" type="checkbox"/>
Functional Assay	Maximum % knockdown for the Test Lipid and the Control Lipid must be greater than 60%. The knockdown of β-galactosidase for the Test Lipid must be within 20% of the Control Lipid.	<input checked="" type="checkbox"/>
Volume Check	Volume must not be below the value which is stated on the label.	<input checked="" type="checkbox"/>
Label Component Check	Assembled product must contain correct label with Product Description, Cat #, Lot # Expiration Date, and Storage Temperature. Contents of assembled product must contain one (1) product information sheet and the correct number of vialled product. Vialled Product must contain the correct label with Product Description, Cat #, Lot #, and Storage Temperature.	<input checked="" type="checkbox"/>

**If you have any questions, contact**

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