

Certificate of Analysis

www.tocris.com

Product Name: RiboDyEE™

Catalog No.: 9000

Batch No.: 1

1. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance:	Orange solution
Solubility:	Soluble in DMSO (Supplied pre-dissolved in DMSO)
Storage:	Store at -20°C

2. ANALYTICAL DATA

Min Absorption at 483nm (+/-3nm):	0.41AU
--	--------

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com
info@bio-techne.com
techsupport@bio-techne.com

North America
Tel: (800) 343 7475

China
info.cn@bio-techne.com
Tel: +86 (21) 52380373

Europe Middle East Africa
Tel: +44 (0)1235 529449

Rest of World
www.tocris.com/distributors
Tel:+1 612 379 2956

Product Name: RiboDyEE™**Catalog No.:** 9000**Batch No.:** 1**Description:**

Key information: RiboDyEE™ is an ultra-sensitive green, fluorescent dye specifically developed in a user-friendly format for RNA-LNP encapsulation efficiency (EE) assays. Rigorously validated against the leading competitor, it delivers equivalent performance, with enhanced convenience and fewer handling steps. Application: RiboDyEE™ is used for the precise quantification of RNA encapsulated within lipid nanoparticles (LNPs) and can detect low RNA concentrations ranging from 1 to 200 ng. Format: RiboDyEE™ provides a stable, more usable and cost-effective solution compared to the leading competitor product. Supplied in conve... Please see product specific page on www.tocris.com for full description.

Physical and Chemical Properties:

Physical Appearance: Orange solution

Storage: Store at -20°C

CAUTION - This product is light sensitive and we recommend that the solid material and any solutions obtained are protected from exposure to light.

Solubility & Usage Info:

Soluble in DMSO (Supplied pre-dissolved in DMSO)

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.cominfo@bio-techne.com
techsupport@bio-techne.com**North America**

Tel: (800) 343 7475

Chinainfo.cn@bio-techne.com
Tel: +86 (21) 52380373**Europe Middle East Africa**

Tel: +44 (0)1235 529449

Rest of Worldwww.tocris.com/distributors
Tel:+1 612 379 2956