

PRODUCT: CalPhos™ Mammalian Transfection Kit**CATALOG No.** 631312**LOT NUMBER:**

Specified on product label.

STORAGE CONDITIONS

- HBS: -20°C
- Store all other components at 4°C after thawing.

SHELF LIFE

One year from date of receipt under proper storage conditions.

SHIPPING CONDITIONS

Dry ice (-70°C)

DESCRIPTION

The CalPhos Mammalian Transfection Kit is a complete calcium phosphate-based kit for the transfection of mammalian tissue culture cells. The kit contains reagents necessary to perform 100 transfections in 10 cm plates or 700 transfections (6-well plate format).

PACKAGE CONTENTS

- 9 ml 2 M Calcium Solution
- 2 x 35 ml 2X HEPES-Buffered Saline (HBS)
- 2 x 35 ml Sterile H₂O

PRODUCT DOCUMENTS

Documents for Clontech products are available for download at www.clontech.com/manuals. The following documents apply to this product:

- CalPhos Mammalian Transfection Kit User Manual (PT3025-1)

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

1. This lot of 2X HEPES-buffered saline (HBS) was verified to have a pH between 7.05 and 7.12 at room temperature (20°C).
2. 293 cells were transfected using this lot of the CalPhos Mammalian Transfection Kit as described in the User Manual. Transfection was performed with a vector that encodes the green fluorescent protein AcGFP1. Cells were analyzed by flow cytometry 48 hours post-transfection, and the percentage of fluorescent cells was measured. Transfection efficiency was determined to be at least 50%.

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