



TOOLS Fluo-Red

Cat. no. TORFN60-3

Storage: This product should be stored at 2-8 °C for up to 3 months without showing any reduction in performance and quality.

Product Size: 3ml

Introduction

TOOLS Fluo-Red is magnetic bead with red fluorescent dye. The magnetic bead consists of single-crystal Fe_3O_4 magnetic sphere core and being coated with dextran dispersed in phosphate buffered saline (PBS) solution. The beads can be introduced into cells by microinjection, it can be used for microscopy, flow cytometry, and magnetic resonance imaging (MRI). This product is highly hydrophilic, bio-compatible, and easy to use for cellular imaging research.

Product information

1. Core material: Fe_3O_4
2. Surface coating: Dextran
3. Surface functional group: Red fluorescent dye
4. Concentration: 8 mg-Fe/mL
5. Particle size: 50 ~ 60 nm
6. Storage buffer: pH-7.4 PBS
7. Em Maxima: 583 nm
8. Excitation laser line: 532 or 568 nm
9. Extinction coefficient: 100,000
10. Flow cytometry laser line: 488, 532 or 561 nm
11. Microscopy laser line: 568 nm

Notes:

1. Please keep the reagent away from magnets during storage.
2. Do not freeze.
3. Protect from light.

The product is for research only, not for diagnostic and clinical use.