

HapiCell™ Transfection Toxicity Removal Cocktail



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- 15 ml (Trial Pack)
- 50 ml
- 125 ml

This product is for laboratory research ONLY and not for diagnostic use

Introduction:

HapiCell™ Transfection Toxicity Removal Cocktail contains a mixture of several chemicals formulated to effectively remove DNA/siRNA transfection mediated cytotoxicity. The cocktail is formulated for removal of transfection toxicity mediated by chemical transfection only, not by electroporation. HapiCell™ Transfection Toxicity Removal Cocktail, 125 ml, is sufficient to treat 63 wells of 6-well plate.

Standard Protocol:

The cocktail is provided as ready-to-use format (1x). It should be left at room temperature two hours before use. The following protocol is given for treatment of 6-well plates, refer to **Table 1** for treating cells in other culture formats. The standard transfection toxicity removal procedures for 6-well plate are described below.

- After the desired times of incubation of cells with DNA/transfection reagent complex, remove the DNA/transfection reagent complex medium, wash cells once with PBS without calcium and magnesium.

Note: While different transfection reagents from different vendors require different incubation times, we strongly recommend removing DNA/transfection reagents complex 5 hours post transfection.

- Add 2.0 ml of HapiCell™ Transfection Toxicity Removal Cocktail (1x) to each well of 6-well plate and incubate for 5 minutes with gentle shaking at room temperature.
- Aspirate HapiCell™ Transfection Toxicity Removal Cocktail, rinse once more with PBS without calcium and magnesium.
- Add complete cell culture medium containing serum and antibiotics.
- Check transfection efficiency 24 or 48 hours after transfection.

Table 1. Recommended Wash Volumes for Different Culture Vessel Formats

Culture Dish	Volume (ml)
96-well	0.3
48-well	0.6
24-well	1
6-well	2
35 mm dish	2
60 mm dish	5
10 cm dish	10
T75 flask	10
250 ml flask	20

Storage: HapiCell™ Transfection Toxicity Removal Cocktail is stable for up to 12 months at +4 °C. This item shipped at ambient temperature