PRODUCT INFORMATION

DNA EZ J1 (Endotoxin-Be-Gone) Solution

CAT.NO.: DT71718

Package: 5ml

Component:

Component	DT71718
Endotoxin-Be-Gone Solution	5 ml
Protocol	1

Storage

Transportation at ambient temperature. Storage at 4°C. The period of validity see packaging.

Features

1. **Fast and simple. A single treatment takes 20 minutes.**
2. **High efficiency. 90% of the endotoxin can be removed by a single treatment; the endotoxin level is lower than 0.2 EU/ml after 3 treatments.**
3. **Easy to scale up. Flexible protocol.**

Introduction

Endotoxins, also called lipopolysaccharides (LPS), are major contaminants found in most regularly prepared biology samples such as plasmid, DNA, and proteins. The presence of small amounts of endotoxin in recombinant protein preparations can cause side effects in host organism such as endotoxin shock, tissue injury, and even death. Due to these reactions, it is essential to remove endotoxins from drugs, injectables, and other biological and pharmaceutical products.

The Solution Endotoxin-Be-Gone is an optimized solution for endotoxin removal from any biology samples in a solution form.

Protocol

1. **Add 50 µl of solution endotoxin-be-gone to 500 µl of DNA or protein solution.**
2. **Incubate on ice for 5 minutes.**
3. **Incubate at 37ºC for 5 minutes.**
4. **Centrifuge at ≥8000 *x g* (≥ 10,000 *rpm*) for 5 minutes at room temperature.**
5. **Transfer the supernatant to a new endotoxin-free tube.**
6. **Repeat the procedure 2~3 times.**

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