

Elite[™] Cell Lysis Buffer

CATALOG NUMBER: CA-N015g, 10 ml

Description	Elite [™] Cell Lysis Buffer is a ready-to-use lysis buffer for the preparation of cellular extracts from bacterial cells, plant cells, mammalian cells, and various tissues.
Size	10 ml.
Storage	2-8 °C.

Protocol:

1. Lysis of bacterial cells

Collecting bacterial cells by centrifugation ((10,000 x g, 0°C, 15 min). Use about 100 to 10 million cells/mL lysis buffer, leave at room temperature for 15 minutes. And then centrifuge at 2500 rpm for 5 minutes, use the supernatant for the assay.

2. Lysis of plant cells:

Homogenize the leave with the lysis buffer at 200 mg/mL, and then centrifuge at 2500 rpm for 5-10 minutes, use the supernatant for the assay.

3. Lysis of mammalian cells

Simply remove medium from the plates (wells), use about 100 uL lysis buffer per 1-5 million cells (or 100uL/ well in a 96-well cell culture plate), and leave at room temperature for 15 minutes. You can use the cell lysate directly or simply centrifuge at 1500 rpm for 5 minutes, use the supernatant for the assay.

4. Lysis of tissues.

Weight ~20 mg tissue, wash with cold PBS, homogenize with 400 µl of lysis buffer in a micro-centrifuge tube, and then centrifuge at 2500 rpm for 5-10 minutes, use the supernatant for the assay.

