



Signosis
Innovative Plate Assay Solutions

Cell Lysis Buffer for ELISA

Catalog Number EA-0001

(For Research Use Only)

Preparation of Cell Lysate from Tissue

1. Weigh tissue sample and add 1ml of cell lysis buffer to 1mg of tissue.
2. Homogenized tissues with (PowerGen 125 or equivalent) on ice.
3. Sonicate lysates briefly on ice.
4. Centrifuge the sample at 10,000 RPM for 5 minutes to pellet the tissue debris.
5. Collect supernatant, measure the protein concentration of supernatant. The supernatant then can be used for assay. The supernatant also can be aliquoted, and frozen at -80°C . Avoid multiple freeze/thaws.
6. Dilute the cell lysate in the provided Diluent Buffer to the final 10ug/100ul per well.