

Code No. 19022

IBLysis- I (Lysate buffer)

Volume : 50 mL

Introduction : IBLysis- I was developed independently by improving the TNE buffer solution. It is suitable for solubilization of culture cell and tissue.

Composition : Tris hydrochloric acid buffer solution including NP-40 and EDTA

Application : This product can be used for solubilization of the sample such as culture cell and tissue in ELISA, western blotting or immunoprecipitation.

How to use : Put the culture cells (rough guide: 1×10^5 - 1×10^7 cells) or tissue in 0.5 mL IBLysis- I (Lysate buffer), and after thoroughly mixing with a Vortex or by pipetting, mix by rotation at 4°C for 30 minutes. After the mixing has been completed, centrifuged at 10,000 rpm for 10 minutes at 2-8°C. Please use the supernatant in proportion to each purpose.

In order to determine the proportion of desired protein to total protein, it is recommended to measure total protein after solubilization of the sample by the method such as Lowry method.

Precaution for intended use and/or handling :

1. This product should be stored at 2-8°C and brought to room temperature approximately 30 minutes prior to use.
2. Please be careful when opening the bottle as this product includes the surfactant, and not to stir the bottle too vigorously to avoid foaming.
3. Please be careful not to contact your skin and clothes with this product and pay attention to the disposal of this buffer, and wash hands after handling reagents.
4. The precipitation may grow in this buffer, however, there is no problem in the performance.
5. Do not use the reagents expired.
6. This product is the reagent for research purpose only. Do not use for clinical diagnosis.
7. The solubilization condition of this product depends on the sample of use. So the condition should be predetermined by using the little sample in advance.

Storage : 2 – 8 °C

Expiration date : 2 years from manufacturing date

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