

Minute™ SDS-Remover

Cat. No. WA-012

Description

Sodium dodecyl sulfate (SDS) is one of the most commonly used detergents for biological research. However, the presence of SDS in the sample could interfere with downstream applications. For instance, SDS must be reduced to below certain concentration before trypsin digestion of protein can be performed effectively. The presence of SDS in protein sample could interfere with mass/MS analysis and needs to be removed prior to the analysis. The presence of SDS in protein samples also interferes with antigen-antibody binding and has a negative impact for experiments such as immunoprecipitation and ELISA. This proprietary formulated reagent is designed for easy and rapid removal of SDS in solution by precipitation. The efficacy is superior to SDS-removal column and TCA precipitation with minimum protein loss (<20%). Due to small volume of SDS-Remover used, the final protein concentration of the sample is not significantly impacted.

Use and Procedures

1. Pre-chill SDS-Remover on ice. Add 1 part of SDS-Remover to 5 part SDS-containing solution in a test tube (for example, add 100 µl to 0.5 ml SDS-containing protein solution).
2. Cap the tube, vortex briefly and invert a few times. Centrifuge at 14,000 X g for 5 min at RT. Save supernatant and discard the white-grey colored precipitate (SDS) at the bottom of the tube.

Package: 10 ml (For Research Use Only)

Shipping and Storage: Ship at ambient temperature and stored at RT.