



2-D Protein Extraction Buffer



Efficient cell lysis and protein extraction are key steps for achieving high-quality results in downstream applications. 2-D Protein Extraction Buffer offers a convenient way to prepare high-quality protein lysates. The buffers are designed to produce high spot resolution for 2-D gel analysis. Six buffers are available as a dry powder, which is rehydrated with the provided DILUENT. The optimal buffer will depend on the nature of your sample, and the 2-D Protein Extraction Buffer Trial Kit allows you to evaluate each extraction buffer to find the most suitable buffer for your sample.

Product Specifications ^

2-D Protein Extraction Buffer Trial Kit



Parameter

2-D Protein Extraction Buffer Trial Kit

Application

This study presents a comparison between different protein extraction buffers to investigate the extraction capabilities and differences between the buffers. Rat liver proteins were extracted using 2-D Protein Extraction Buffer-I to -VI, as well as a standard 2-D lysis reference buffer

Includes

The kit contains 2-D Protein Extraction 2-D Protein extraction buffer-I (Urea, NP-40) 2-D Protein extraction buffer-II (Urea, CHAPS) 2-D Protein extraction buffer-III (Urea, Thiourea, ASB-16, CHAPS) 2-D Protein extraction buffer-IV (Urea, Thiourea, SB 3-10, CHAPS) 2-D Protein extraction buffer-V (Urea, Thiourea, CHAPS) 2-D Protein extraction buffer-VI (Urea, Thiourea, NDSB 201, CHAPS) 1 x 7 ml DILUENT-I 1 x 14 ml DILUENT-II 2 x 12 ml DILUENT-III

Storage conditions

2-D Protein Extraction Buffers at 15°C to 30°C DILUENTS at 2°C to 8°C

Wetted Part

No

Expected shelf life

1 year from manufacturing date