

Large Scale Method: Sonication

1. Collect induced cells by centrifugation.
2. Resuspend the cell pellet in 1/10 volume of 50 mM Tris-Cl pH 8, 2 mM EDTA.
3. Add lysozyme to a concentration of 100 ug/mL (use a 10mg/mL stock prepared freshly in buffer from step 2). Add 1/10 volume 1% Triton X -100 Incubate 30 degrees C 15 minutes.
4. Sonicate sample in an ice bath using 2x10 sec. pulses at high output.
5. Centrifuge at 12,000 g for 15 minute at 4 degree C. The supernatant contains soluble proteins.