

Urea/SDS Solution

Kristin Corrier/Nathan VerBerkmoes

Abstract

For use in "[FASP Kit Protocol-OrNL Developed for Bacteriophage](#)"

Citation: Kristin Corrier/Nathan VerBerkmoes Urea/SDS Solution. **protocols.io**

dx.doi.org/10.17504/protocols.io.deh3b5

Published: 21 Jan 2016

Protocol

Step 1.

In falcon tube, add 1 fleck DTT (10mM) to 5mL Tris HCl (provided with FASP kit) or Tris CaCl₂. Vortex briefly.

Step 2.

Add 1mL Tris buffer + DTT to 1 tube urea (75 µg, provided with FASP kit). Vortex until all powder dissolves.

Step 3.

Combine 300µL Urea solution and 150µL sample (sample can be in any form, mixture of viral proteins and bacteria, ionic or non-ionic detergents, buffers and/or CsCl).

Step 4.

Rock at room temperature for 30 min to 1 hr to lyse bacteria cells/phage particles.

 **DURATION**

01:00:00