Western Blot Buffers
Last Update 9/25/14

Please reference the Jepsen laboratory when using this protocol. This protocol is subject to change. We hold no responsibility for errors in the protocol or user error that lead to personal or property damage.

Safety considerations
Please follow all federal, local, and institutional rules and regulations when using this protocol. Please use proper personal protective equipment and fume hoods when working with chemicals. Use universal precautions when working with human tissue.

1. Lysis Buffer
   a. 7.9g 50mM Tris-base
   b. 9g 150mM NaCl
   c. 0.761g 2mM EGTA
   d. 4.5g 10mM NaPPi
   e. 1ml 10% NP40
   f. Make up to 1L with ddH₂O while stirring
   g. Adjust pH to 7.5
   h. Store at 4°C

2. 1x Running Buffer
   a. 144g Glycine
   b. 30g Tris-base
   c. 50ml 20% Sodium Dodecyl Sulfate
   d. Make up to 10L with ddH₂O while stirring
   e. Store at 4°C

3. 1x Transfer Buffer
   a. 144g Glycine
   b. 30g Tris-base
   c. 50ml 20% Sodium Dodecyl Sulfate
   d. 2L Methanol
   e. Make up to 10L with ddH₂O while stirring
   f. Store at 4°C