

5X DUB Assay Buffer I

Cat. # H1000

- Also Known as:** Deubiquitination Reaction Buffer I
- CAS:** N/A
- MW:** N/A
- Formula:** 200 mM TRIS, pH 7.1 at 37 °C, 500 mM NaCl, 20 mM TCEP and 25% glycerol
- Source:** Synthetic
- Form:** 5 ml solution
- Description:** 5X DUB Assay Buffer I contains 200 mM TRIS, pH 7.1 at 37 °C, 500 mM NaCl, 20 mM TCEP and 25% glycerol.
Dilute to 1X when setting up deubiquitination reaction. The final buffer contains 40 mM TRIS, pH 7.1 at 37 °C, 100 mM NaCl, 4 mM TCEP and 5% glycerol.
- Storage:** Ship under ambient temperature. Store at -20 °C upon receiving. Aliquot to avoid multiple freeze and thaw cycles.
- Note:** This buffer can be used for assaying deubiquitinase's activity using fluorogenic substrates, free polyubiquitin chains or ubiquitinated proteins.
We recommend use **5X DUB Assay Buffer II** if you screen DUB chemical inhibitors because 0.01% Tween-20 (in 1X DUB Assay Buffer II) can help solubilize chemicals and prevent non-specific binding of chemicals to tube or well wall.

