

Additional Setup Steps for NextSeq 500 v1 Kit

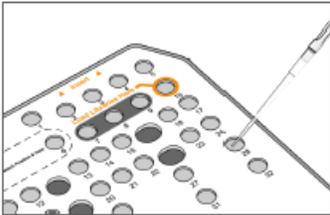
The NextSeq 500 Kit v1 requires additional run setup steps to load a fresh dilution of sodium hypochlorite for the automatic post-run wash and to load BP13 for dual-indexed runs.

Thaw BP13

1. Remove the tube of BP13 from -25°C to -15°C storage.
2. Thaw the tube of BP13 at room temperature for 30 minutes.
3. Invert the tube and visually inspect the contents to make sure that the primers have thawed.

Load a Fresh Dilution of NaOCl

1. Prepare 3 ml of 0.03%–0.06% (w/v) NaOCl by combining the following volumes in a microcentrifuge tube:
 - 3%–6% NaOCl (30 μl)
 - Laboratory-grade water (2970 μl)
2. Invert the tube several times to mix.
3. Use a low-lint lab tissue to wipe clean the foil seal covering reservoir #28.
4. Use a clean 1 ml pipette tip to pierce the foil seal covering reservoir #28.
5. Add 3 ml of 0.03%–0.06% NaOCl to the reservoir #28.



Load BP13

1. After thawing, invert the tube of BP13 several times to mix.
2. Use a low-lint lab tissue to wipe clean the foil seal covering reservoir #18.
3. Use a clean 1 ml pipette tip to pierce the foil seal covering reservoir #18.
4. Add the full contents of the tube of BP13 to reservoir #18.

