

**Note:** The lyophilized DNA (e.g. cNL-B48-01, cNL-B96-01, cNL-B48-07, cNL-B96-07, cNL-A48-01, cNL-A96-01, etc.) is not always found at the bottom of the tube (indicated by the blue circle), but may otherwise remain on the tube wall or in the tube cap.

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## Recommended measures for increased conjugation yields

- Check if the lyophilized DNA, which has the appearance of a clear pellet, is visible. It may be necessary to remove the tube label to see the pellet.
- Spin down the tube for several minutes, at high speed, before dissolving the DNA in buffer. If the DNA still sticks to the tube wall, and does not sediment to the bottom of the tube after the spin-down, place the tip of your pipette in close proximity to the pellet and dispense the buffer onto the pellet.
- **After** dissolving the DNA pellet, vortex the solution and repeat the centrifugation step. With the DNA solution prepared, proceed with the conjugation reaction according to the user manual.

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