

PURPOSE

Streak yeast slurry onto Wallerstein Lab Nutrient to isolate single colony of yeast. This technique can be used at home to isolate yeast from beer samples, and to select the dominant population for propagation and use in subsequent brews.

MATERIALS

- Petri dish containing Wallerstein Lab Nutrient (WLN Media)
- Dilute yeast slurry
- Wire streaking loop
- Flame source
- Parafilm®

BASIC STEPS

1. Flame loop until red.
2. Insert hot loop into yeast solution to load sample.
3. Streak onto plate (see diagram).
4. Flame loop until red.
5. Cool on outer edge of plate, and streak across the first area to dilute (only streak across first area once before “painting a zig zag” on the plate).
6. Repeat steps 3-5 twice.
7. Seal perimeter of plate with strip of Parafilm® or tape.
8. Store plate at room temperature until plate develops in 3-4 days.
9. Select isolated, single colony that appears representative of population and transfer to 25 ml or wort in Erlenmeyer flask for first step of propagation (practical example of method).

