

[Yeast/Bacteria Cell Lysis Buffer for PCR \(1 ml for 50 samples\)](#) Cat.# Y2020

Product Description

This buffer provides a fast and easy way to lyse cells. It starts with a single colony or a loop of patched cells to make template for PCR reactions. The PCR reaction can be used as templates for homologous recombination and identification of colonies. This technique can also be used to determine insertion/deletion size and/or orientation in the genome when used for identification of homologous recombination integration. This product is for research use only.

Product Component: lysis buffer 1 ml for 50x samples.

Shipping / Storage: Ship at room temperature. Store at 4°C.

Shelf Life: 24 months

Materials required but not provided

- 1) PCR tubes.
- 2) Pipet capable of dispensing 0.1-200 µl.
- 3) PCR thermal cycler

Protocol

- 1) Add 20ul of cell lysis buffer into each 0.2ml PCR tubes.
- 2) Pick a single colony (leave some on the plate for growth later) or a loop of cells from cell patches on plate.
- 3) Place cells into the above PCR tubes.
- 4) Close the tube and place the tube into a PCR thermal cycler.
- 5) Heat in the PCR machine at 95°C for 10min, cool on ice or at 4°C.
- 6) The DNA is now ready for PCR. 2ul lysate is recommended for a 25ul PCR reaction.

-- The end --

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