

Jul 09, 2024



## Terrific Broth Medium

DOI

#### dx.doi.org/10.17504/protocols.io.x54v9pb24g3e/v1

is Sparrow<sup>1</sup>, Steven J Burgess<sup>1</sup>

<sup>1</sup>UIUC

burgess-lab-uiuc



## Steven J Burgess

University of Illinois at Urbana-Champaign

# OPEN ACCESS



DOI: dx.doi.org/10.17504/protocols.io.x54v9pb24g3e/v1

Protocol Citation: is Sparrow, Steven J Burgess 2024. Terrific Broth Medium. protocols.io

https://dx.doi.org/10.17504/protocols.io.x54v9pb24g3e/v1

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Protocol status: Working We use this protocol and it's

working

Created: January 03, 2024

Last Modified: July 09, 2024

**Protocol Integer ID: 92922** 



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#### Abstract

Tartoff, K.D. and Hobbs, C.A. (1987) Improved Media for Growing Plasmid and Cosmid Clones. Bethesda Research Laboratories Focus, 9, 12.

## Guidelines

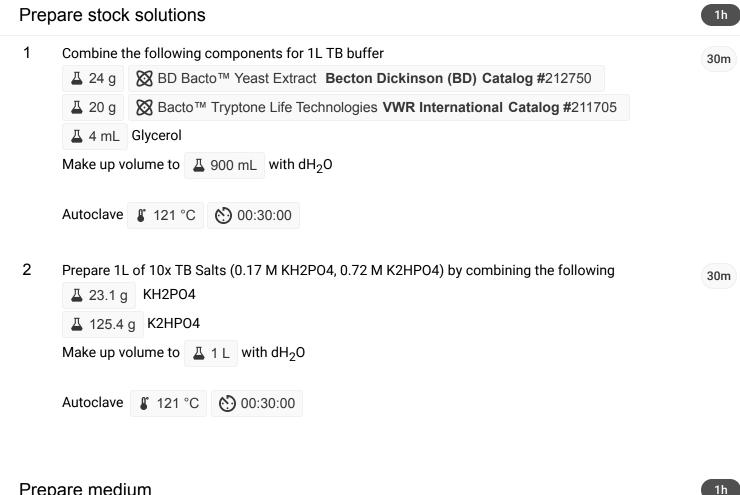
Prepare the stock solutions and autoclave separately before combining when cooled to create TB medium. The reason for this is that Glycerol is believed to react with amines in the Tryptone/Yeast extract via the Malliard reaction, leading to the formation of compounds which

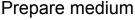
#### Protocol materials

Bacto™ Tryptone Life Technologies VWR International Catalog #211705 Step 1

BD Bacto™ Yeast Extract Becton Dickinson (BD) Catalog #212750







- 3 Allow solutions to cool to 60 °C or less then add △ 100 mL of 10x TB salts to △ 900 mL TB buffer.
- 4 Store at | Room temperature

## Practical use

- 5 We have found that using TB for plasmid preps consistently yields higher than using LB regardless of prep kit used, with half the volume of culture required.
  - It is not recommended to exceed ~2 mL of saturated TB culture per prep column due to overloading the column and not yielding clean preps.