

Resource Summary Report

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2XYT Medium (Version 2-0) Haseloff Lab

DOI:10.17504/protocols.io.bigekbte

Type: Protocol

Proper Citation

Fernando Guzman Chavez 2020. 2XYT Medium (Version 2-0) Haseloff Lab. protocols.io dx.doi.org/10.17504/protocols.io.bigekbte

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bigekbte>

Authors: Fernando Guzman Chavez

Summary: Work instruction for 2xYT and 2xYTG medium preparationFollowing this recipe, you will obtain 1L of 2XYT medium2X YTis a standard growth medium used to cultivateE. coli. In cell-free system, this medium is commonly used to growth the cells. .justify:after { content: ""; display:inline-block; width: 100%; } .justify:after { content: ""; display:inline-block; width: 100%; } NOTE :The protocol described here is an adaptation from these papers:Adam D. Silverman, Nancy Kelley-Loughnane, Julius B. Lucks, and Michael C. Jewett (2019).Deconstructing Cell-Free Extract Preparation for in Vitro Activation of Transcriptional Genetic Circuitry. ACS Synthetic Biology, 403-414. DOI: 10.1021/acssynbio.8b00430.Andriy Didovyk, Taishi Tonooka, Lev Tsimring, and Jeff Hasty. (2017).Rapid and Scalable Preparation of Bacterial Lysates for Cell-Free Gene Expression. ACS Synthetic Biology, 2198-2208. DOI: 10.1021/acssynbio.7b00253.

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Version: 1

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