

Resource Summary Report

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S30-S30A-S30-Buffers- Haseloff Lab

DOI:10.17504/protocols.io.bigckbsw

Type: Protocol

Proper Citation

Fernando Guzman Chavez, Jim Haseloff 2020. S30-S30A-S30-Buffers- Haseloff Lab. protocols.io dx.doi.org/10.17504/protocols.io.bigckbsw

Protocol Information

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

Authors: Fernando Guzman Chavez, Jim Haseloff

Summary: Following this recipe, you will obtain 1L of S30, S30A and S30B BuffersS30 Buffer is a standard solution to wash cell pellets previous to lysis. Likewise, it is used during the cell lysis.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.Yang WC, Patel KG, Wong HE, Swartz JR.(2012). Simplifying and streamlining Escherichia coli-based cell-free protein synthesis.Biotechnol Prog. 28(2):413-420. DOI:10.1002/btpr.1509.<https://www.protocols.io/researchers/anibal-arce-medina>Yang WC, Patel KG, Wong HE, Swartz JR.(2012). Simplifying and streamlining Escherichia coli-based cell-free protein synthesis.Biotechnol Prog. 28(2):413-420. DOI:10.1002/btpr.1509.<https://www.protocols.io/researchers/anibal-arce-medina>

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