Preparation of glycerol stocks for V. natriegens

Daniel Marchal[1]

[1]Philipps-Universität Marburg

dx.doi.org/10.17504/protocols.io.uy2exye

iGEM Marburg 2018

Daniel Marchal

PROTOCOL STATUS

Working

We use this protocol in our group and it is working

MATERIALS

NAME	CATALOG #	VENDOR
Potassium chloride	View	P212121
Sodium Chloride	PubChem CID: 5234	Contributed by users
100g Magnesium Chloride	RC-068	G-Biosciences
LB Broth Lennox	SD7005(S516).SIZE.250G	Bio Basic Inc.

MATERIALS TEXT

LBv2 medium is LB medium supplemented with 204 mM NaCl, 4.2 mM KCl, and 23.14 mM MgCl2

Preparation of LBv2 medium

1 Prepare LBv2 medium (LB medium supplemented with 204mM NaCl, 4.2mM KCl and 23.14mM MgCl2)

Preparation of glycerol stock

2 Grow overnight (ON) culture of V. natriegens.

3 Centrifuge 1 mL of ON culture at 3000 rcf, 1min.

4 Wash with fresh LB medium.

5 Add 1mL Medium/Glycerol (80/20).

6 Vortex quickly and store at -80°C.