VERSION 2
DEC 09, 2022

WORKS FOR ME 1

CPMU V.2

In 1 collection

COMMENTS 0

DOI
dx.doi.org/10.17504/protocols.io.n92ld96dng5b/v2

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ABSTRACT

Mineralising solution for the oral biofilm. From Sissons et al. 1991.

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PROTOCOL CITATION

Bjorn Bartholdy, a.g.henry 2022. CPMU. **protocols.io** https://dx.doi.org/10.17504/protocols.io.n92ld96dng5b/v2 Version created by Bjorn Bartholdy

FUNDERS ACKNOWLEDGEMENT

ERC European Union's Horizon 2020
Grant ID: STG-677576

COLLECTIONS

Build your own calculus

CREATED

Dec 10, 2021

LAST MODIFIED

Dec 09, 2022

PROTOCOL INTEGER ID

55835

PARENT PROTOCOLS

In steps of
Biofilm growth with starch treatment

Part of collection
Build your own calculus

MATERIALS TEXT

Chemicals

dH_2O

$CaCl_2$

NaH_2PO_4

MgCl

Urea

Equipment

1000 mL beaker

Positive flow fumehood (or other starch-free environment)

BEFORE STARTING

This solution MUST be prepared in a sterile and starch-free environment.

1 Add 300 mL distilled (or deionized) dH_2O to a 1000 mL beaker, with stirring and heat 60 °C

2 Add:

- 1.55 g Calcium Chloride **Contributed by users**
- 1.44 g Sodium Phosphate monobasic **Contributed by users**
- 0.72 g Sodium Fluorophosphate **Sigma – Aldrich Catalog #344443**
- 0.08 g Magnesium Chloride **Fisher Scientific Catalog #AC223210010**
- 30 g Urea **P212121**

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3 Add the remaining 700 mL and keep stirring until precipitate has completely dissolved
Store in fridge at 4 °C

Note

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