

Oct 17, 2019

DNA Extraction

DOI

dx.doi.org/10.17504/protocols.io.8cchssw

Stefania Konstantinidi¹, Hana Samet¹

¹EPFL - EPF Lausanne

iGEM EPFL



Dana Mozaffari

OPEN  ACCESS



DOI: dx.doi.org/10.17504/protocols.io.8cchssw

Protocol Citation: Stefania Konstantinidi, Hana Samet 2019. DNA Extraction. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.8cchssw>

License: This is an open access protocol distributed under the terms of the **Creative Commons Attribution License**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this protocol and it's working

Created: October 17, 2019

Last Modified: October 17, 2019

Protocol Integer ID: 28772

Abstract

The goal is to extract DNA from plant leaves using a microneedle patch.



Application of microneedle patch

- 1 Place the microneedle patch between the base and the midrib of the leaf and apply pressure for a few seconds.
- 1.1 Carefully remove the microneedle and put it in a petri dish.
- 2 Add 100uL of EB buffer on the microneedle patch using a pipet, and then put the EB buffer and DNA in a tube.
- 3 The DNA is ready for amplification !