



Lab Protocol Article Template

Title

Metadata

Funding

Competing interests

Data availability

This should include, where applicable, links to data and code produced by the protocol or necessary to interpret the outputs.

Associated content

Minimum include DOI for protocol on protocols.io

Abstract

The abstract is intended to help readers determine if the protocol is relevant to their research. It should provide a concise description of what the protocol does and the type of experiment and researcher that the protocol is designed for. It should also include a brief summary of any limitations and a one-sentence summary of the expected results and the output formats.

Introduction

Introduction should contain information on the development and application of the protocol, how it compares to other protocols, and any limitations, with references where appropriate.

Materials and Methods

In the published article, the Materials and Methods should consist of a link to the protocol on protocols.io. The protocol must also be provided as Supporting Information file 1. Please use this format: "The protocol described in this peer-reviewed article is published on protocols.io,

[https://dx.doi.org/10.17504/protocols.io\[....\]](https://dx.doi.org/10.17504/protocols.io[....]) and is included for printing as supporting information file 1 with this article.”

Expected results

This should include information about the likely outcome of the protocol (for example, likely yield of protein, typical microscopy images, etc.). We encourage authors to include one set of data from an experiment that worked using the protocol. If applicable, include advice on how to interpret and analyze raw data.

Ethics declarations

If applicable

Supporting information

The protocol in PDF format available from protocols.io must be provided as Supporting Information file 1, with the caption:

S1: Step-by-step protocol, also available on protocols.io

Acknowledgements

Authors' contributions

References