

Resource Summary Report

Generated by [dkNET](#) on Sep 23, 2026

FloodLAMP Inactivation Protocol v3.1

DOI:10.17504/protocols.io.bk5nky5e

Type: Protocol

Proper Citation

Randy True 2020. FloodLAMP Inactivation Protocol v3.1. protocols.io
dx.doi.org/10.17504/protocols.io.bk5nky5e

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bk5nky5e>

Authors: Randy True

Group: FloodLAMP, XPRIZE Rapid Covid Testing

Summary: The inactivation protocol uses a chemical plus heat to break open cells (including virus, if present) and preserve the RNA. The inactivation can be done outside a lab setting, at the point of sample collection or drop-off. This is our preferred mode, and we refer to these as "inactivation stations". Prior to inactivation, the samples may contain live, contagious virus, so it is crucial that personnel use proper PPE and safe handling procedures. Many current community screening efforts are performing non-lab based sample processing (for example, Dave O'Connor and Chris Mason), and we have followed their examples with the use of splash guards in addition to PPE. After inactivation, samples should be refrigerated or stored on ice before same-day processing through the assay. On our website are our protocols in worksheet form as we use in the lab. This and more information will be live soon.

Affiliations: FloodLAMP Biotechnologies PBC

Version: 1

Publication Date: 2020

Proper Citation: Randy True 2020. FloodLAMP Inactivation Protocol v3.1. protocols.io
dx.doi.org/10.17504/protocols.io.bk5nky5e

Record Creation Time: 20210329T220509+0000

Record Last Update: 20210329T220749+0000

Data and Source Information

Source: