

Nov 19, 2018

Protocol for *Mycobacterium ulcerans* DNA detection in mosquitoes using qPCR

PLOS Neglected Tropical Diseases

DOI

[dx.doi.org/10.17504/protocols.io.vqbe5sn](https://doi.org/10.17504/protocols.io.vqbe5sn)

Avishek Singh¹, William John Hannan McBride¹, Brenda Govan^{2,3},
Mark Pearson³ and Scott A. Ritchie⁴ Cairns Clinical School^{4,5}, Scott A. Ritchie^{6,7,8}

¹Cairns Clinical School, College of Medicine and Dentistry, James Cook University, Cairns City, QLD 4870, Australia;

²College of Public Health, Medical & Vet Sciences, James Cook University, Townsville, QLD 4811, Australia;

³brenda.govan@jcu.edu.au;

⁴Australian Institute of Tropical Health & Medicine, James Cook University, Smithfield, QLD 4878, Australia;

⁵mark.pearson@jcu.edu.au;

⁶College of Public Health, Medical and Veterinary Sciences, James Cook University, Smithfield, QLD 4878, Australia;

⁷Australian Institute of Tropical Health and Medicine (AITHM), James Cook University, Smithfield, QLD 4878, Australia;

⁸scott.ritchie@jcu.edu.au



Avishek Singh

OPEN  ACCESS



DOI: [dx.doi.org/10.17504/protocols.io.vqbe5sn](https://doi.org/10.17504/protocols.io.vqbe5sn)

External link: <https://doi.org/10.1371/journal.pntd.0006745>

Document Citation: Avishek Singh , William John Hannan McBride , Brenda Govan , Mark Pearson 3 and Scott A. Ritchie4
1Cairns Clinical School, Scott A. Ritchie 2018. Protocol for *Mycobacterium ulcerans* DNA detection in mosquitoes using qPCR.
protocols.io <https://dx.doi.org/10.17504/protocols.io.vqbe5sn>

Manuscript citation:

License: This is an open access document 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

Created: November 19, 2018

Last Modified: November 19, 2018

Document Integer ID: 17891

Abstract

This protocol outline steps to detect *Mycobacterium ulcerans* from insect samples. Extraction of DNA is conducted by using FastDNA kit.

Attachments



[Protocol for Mycobac...](#)

20KB

