

# Resource Summary Report

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## Plasmodium berghei ookinete culture

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### Proper Citation

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### Protocol Information

**URL:** <https://dx.doi.org/10.17504/protocols.io.bmm8k49w>

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**Summary:** Plasmodium berghei is one of the main non-human malaria models used in research. It readily infects laboratory strains of mice and rats as well as mosquitoes. Because of this, it is safe to manipulate and it does not require human fluids/tissues. This document provides the Operational Procedure for producing and culturing ookinetes of P. berghei in vitro. The method has been optimized for the P. berghei ANKA train clone 2.34 and the derived GFP-expressing clone, but should work for other strains. This method is adapted and modified from:

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