In vitro screening methods for parasites: the wMicroTracker & the WormAssay

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Abstract

Figure 1: Results of motility screens of C. elegans adults (A) in the wMicroTracker, B. pahangi females (B) & B. pahangi males (C) in both the WormAssay and the wMicroTracker, and B. pahangi microfilariae (D), B. pahangi L3 (E) and S. mansoni schistosomules (F) in the wMicroTracker. Data are presented as mean ± 95% CI.

Description

The purpose of this study was to determine the utility of the wMicroTracker as a screening platform to assess the motility of various parasites. We tested three species of parasites: the adult and larval stages of the filarial nematode Brugia
**Reagents**

RPMI: Thermo Fisher Scientific (Catalog #: 22400089)

DMEM: Sigma-Aldrich (Catalog #: D5796)
Ivermectin: Sigma-Aldrich (Catalog #: I8898)  
DMSO: Fisher Scientific (Catalog #: BP231-100)  

**Acknowledgments:** The authors would like to acknowledge KC Lim for providing *S. mansoni* schistosomules, Brenda Beemtsen for providing *B. pahangi* adults and L3s, and Jeffrey Whitman for providing *T. cruzi* epimastigotes.

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**Funding:** The Bill & Melinda Gates Foundation

**Author Contributions:** Emma Gunderson: Conceptualization, Data curation, Formal analysis, Methodology, Writing - original draft, Writing - review and editing. Christina Bulman: Data curation, Writing - review and editing. Mona Luo: Data curation. Judy Sakanari: Conceptualization, Funding acquisition, Writing - review and editing, Supervision.

**Reviewed By:** Janis C. Weeks

**History:** Received April 9, 2020  Revision received July 9, 2020  Accepted July 14, 2020  Published July 20, 2020

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**Citation:** Gunderson, E; Bulman, C; Luo, M; Sakanari, J (2020). *In vitro* screening methods for parasites: the wMicroTracker & the WormAssay. microPublication Biology. https://doi.org/10.17912/micropub.biology.000279