



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">International Journal of TROPICAL DISEASE &amp; Health</a>                                                                                                  |
| Manuscript Number:       | <b>Ms_IJTDH_18744</b>                                                                                                                                                   |
| Title of the Manuscript: | <b>Detection and species identification of malaria parasites by nested-PCR: comparison with light microscopy and with SD BIOLINE Malaria Ag test in Luanda, Angola.</b> |
| Type of the Article      | <b>Original Research Article</b>                                                                                                                                        |

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

|                                            | <b>Reviewer's comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments | <p>While this is an interesting article and potentially useful, the authors should comment about cost comparisons between the different assays (I assume that the nested PCR is much more expensive than the other two); also the time involved from obtaining samples to getting results should be discussed. This could be a very important issue since test results impact the drugs/therapy given to the patients.</p> <p>More information about time between blood collection (finger-prick) and analysis should be given; were the tests done on freshly obtained blood or were the samples stored? For the filter paper samples (which appear to be have sent to Cuba?), how were these samples stored?</p> |                                                                                                                                                                                      |
| <b><u>Minor</u></b> REVISION comments      | <p>This manuscript has many grammatical errors, typographical errors and spelling errors. Also the material in lines 32-35 would flow better if moved to line 28 after the word "patients".</p> <p>The authors should define abbreviations the first time they are used (ie Ag, PCR, bp). Lines 218-219: this is not a complete sentence and thus does not make sense.</p>                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                      |



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| <b><u>Optional/General</u></b> comments | <p>The authors should also include Dzakah et al. (<i>Malaria Journal</i> 2014, <b>13</b>:272) who have recently reported that a combination of two antigens ( aldolase and LDH) in RDTs for rapid diagnosis enhanced the sensitivity of the assay and reduced misdiagnosis.</p> |  |
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**Reviewer Details:**

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|----------------------------------|-----------------------------------------------------------------------|
| Name:                            | <b><i>Marjorie a. Jones</i></b>                                       |
| Department, University & Country | <b><i>Department of Chemistry, Illinois State University, USA</i></b> |