Reviewer's report

Title: Determine TB-LAM lateral flow urine antigen assay for HIV-associated tuberculosis: recommendations on the design and reporting of clinical studies

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Reviewer: Frank van Leth

Reviewer's report:

The manuscript by Lawn et al. describes the potential role as a point-of-care test of the lateral flow test of LAM in urine in the context of diagnosing tuberculosis.

It summarizes current knowledge and critically identifies areas of uncertainty. From these observation the authors identify priority research areas.

The manuscript will appeal to the TB research community at large, since diagnosis of TB at the point-of-care in the HIV-positive population is a crucial component of TB-control strategies.

The manuscript does not present new data, except from some “preview findings” presented at conferences.

Major Compulsory Revisions:
None

Minor Essential Revisions
1. Make it more clear that the current findings are almost exclusively from the South Africa in studies performed by the authors or their colleagues.

2. Page 9: “reproducible cut-off when using grade 2 cut-off. Should this not be “reproducible test result”. If so, then the sentence needs to be slightly reformulated

3. The reference list is heavy on self citations. To some extent this is understandable given the nice the authors work in. But even in the more broader topic (Xpert and C-reactive protein), there are additional possibilities

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interest