Reviewer’s report

Title: Rapid diagnosis of new and relapse tuberculosis by quantification of a circulating antigen in HIV-infected adults in the Greater Houston Metropolitan area

Version: 1 Date: 12 Aug 2017

Reviewer: Jacqueline Achkar

Reviewer's report:

The authors have addressed all the reviewers' comments sufficiently and revised the ms accordingly. I just have one remaining comment/concern that I feel should be addressed and included in the discussion: The authors state (in response to reviewer 3, comment 6) that subjects were enrolled up to one month of starting antituberculous treatment. I would not anticipate that after several weeks of antituberculous treatment, commonly 4 drugs, any antigen levels would be detectable given the rapid M. tuberculosis killing within days/weeks. The authors should describe the mean plus SD or median plus range treatment duration of their subjects and discuss why they would anticipate detecting circulating Mtbg antigens after weeks of treatment.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

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I am able to assess the statistics

Quality of written English
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