Reviewer's report

Title: Utilizing BD MAX™ Enteric Bacterial Panel to Detect Stool Pathogens from Rectal Swabs

Version: 0 Date: 03 Jan 2017

Reviewer: Alexandre Manirakiza

Reviewer's report:

This paper report the interest of BDM-EBP to detect Shigella, Salmonella, Campylobacter and Shiga toxin on rectal swabs. The rational of the study is that "rectal swabs are common specimens received for stool pathogens and,... accepted to be an appropriate sample type for infants and patient that cannot pass a stool specimen."

In the methods section, authors stated that "Testing of SBT was carried out with the BDM-EBP accordind to the manufaturer's package insert" please give more details in this study how BDM-EBP was exactly performed.

What was the gold standard to assed the performance of BDM-EBP? Moreover, it should also be interesting to give more detail about Sensitivity, Specificity, PPV and NPV of BDM-EBP according to this gold standard.

In conclusions, how interesting are BDM-EBP for prompt diarrhea treatment according to identified bacteria (ie: how many time it needs to perform the test)?

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
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review? If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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