



SDI Review Form 1.6

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	2013_IJTDH_6726
Title of the Manuscript:	Comparison of Rifampicin resistance in Mycobacterium tuberculosis isolates by Multiplex Allele Specific PCR (MAS-PCR) with Enzyme Linked ImmunoSorbent Assay (PCR-ELISA)
Type of the Article	Research Paper

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

	Reviewer's comment	Author's comment (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)
<u>Compulsory</u> REVISION comments	No need to compare PCR-ELISA with MAS-PCR as the gold standard is DST, not MAS-PCR. Calculate sensi/speci of PCR-ELISA as compared to DST, not MAS-PCR. Improve the quality of English.	I would like to thank the honourable referee for this good recommendation. As you know, the gold standard for detection of drug resistance in M.tuberculosis is DST. Fortunately, in these isolates, the result of DST and MAS-PCR was equal. So, we could use one instead of the other. Since the aim of the study was comparison of two molecular methods. The sensitivity and specificity of PCR-ELISA was compared with MAS-PCR. Naturally, if we saw any differences between MAS-PCR and DST, the sensitivity and specificity would be calculated based on DST as gold standard. In that condition, it was likely that the sensi/speci of PCR-ELISA might be estimated more than what has already been achieved.
<u>Minor</u> REVISION comments	No need for Fig. 1	With all respect to honourable reviewer's opinion, the authors think the figure is necessary because it introduce the sequence of used probes.
<u>Optional/General</u> comments		