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Journal Name:	**International Journal of Biochemistry Research & Review**
Manuscript Number:	**2013_IJBcRR_7747**
Title of the Manuscript:	**Multi-detection by target mixed loop-mediated isothermal amplification**
Type of the Article	**Original Research Article**

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:

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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)*
Compulsory REVISION comments	Multiplex loop-mediated isothermal amplification (mLAMP) is important for molecular diagnostics, with the ability to detect multiple targets in a single sample. Previous studies have reported mLAMP detection methods through agarose gel, amplicon annealing temperature, pyrosequencing or real-time and target-specific fluorescence signal analysis. The comparative analysis should be done with those reported methods. There aren't enough datas presented inside the manuscript to support conclusion. mLAMP is not simple superposition of two or more single LAMP. To develop a rapid and sensitive mLAMP assay for multiplex detection, primers screening, sensitivity and specificity analysis should be done first comparing to single LAMP. Gradient dilution of the sample and other virus nucleic acid samples should be analyzed with the mLAMP. When clinical sera being detected by mLAMP，reverse transcription LAMP for RNA from virus HIV and HCV must be carried out. The number of clinical samples was not enough for the application analysis, so the result is short of conviction. There is no relevance between mLAMP detection of different virus and different mice gene in the manuscript. And mLAMP can not be qualified for quantitive gene expression analysis. English language should be strongly revised.	

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Minor REVISION comments	HBV DNA amplified using HBVF3 and HBVB3 was less than 300bp, why the PCR reaction was performed using Expand long template kit in the manuscript？ To corroborate the results reported, biological samples other than blood should be tested in order to evaluate the presence of inhibitors in some type of samples.	
Optional/General comments	The manuscript "Multi-detection by target mixed loop-mediated isothermal amplification" involves a mLAMP method, with the ability to detect multiple targets in a single sample, which is important for molecular diagnostics. However, it has no comparative analysis with others reported mLAMP methods. The design of the experiments was not rational, and the data presented in this manuscript can not support the conclusion that the established mLAMP can effectively detect HBV, HCV and HIV simultaneously. English language should be strongly revised.	

Note: Anonymous Reviewer