



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_45253
Title of the Manuscript:	DETECTION OF Chlamydia trachomatis IN DONATED BLOOD AT REGIONAL BLOOD TRANSFUSION CENTRE, ELDORET, KENYA
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:

(<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)
<p>Compulsory REVISION comments</p>	<p>The manuscript is quite interesting and scientific robust. Authors should consider the following comments: Consider modified title: Prevalence and Detection of Chlamydia trachomatis Infection in donated blood at Regional blood transfusion centre, Eldoret, Kenya. Abstract State the company/Country manufactured of the ELISA kit used in parenthesis. Check for grammatical and typographical errors. Why did the authors only detect the organism? Consider adding prevalence of the study and other risk factors of each participant to make the study more robust. Result section is not clear. Consider rewriting. What are the suggestions/recommendations for the contaminated bloods? Keywords: Add Detection, Kenya to keywords. Introduction Repetition of statements in the beginning of your introduction. Locate and expunge where necessary. What are the other species of Chlamydia? Are they STDs causing or not? Line 30-31-Is that a global estimation? Be specific in your write up. Check for grammatical and typographical errors. Line 34-36-Citations needed Materials and Methods Describe the Study Area on a separate heading with a cited reference. Did the authors collected the samples themselves or they used the donated blood samples in the facility? Be specific. Check for grammatical and typographical errors. All abbreviations should be introduced first. Line 56- Use Ten (10) millilitres..... Add sample processing heading to Sample collection section. Mention name, company and country of kits used. Laboratory analysis need grammar edition. Why bolding some words here? Results Find a more scientific way to present Table 1. Not accepted in that format. Reframe Title of Table 2 to Detection of C. trachomatis infection in donated blood with respect to risk factors at RBTC, Kenya. Calculate the prevalences of the positive C. trachomatis status. Specify their marital status with respected positivity of the organism. NB: From your methodology, you did not tell us you retrieved any information from each donors or administered questionnaires to participants. Tell us how you achieved your results in Table 2. Line 119-124 should be part of methodology, so expunge. Discussion Not properly done. It should be done sequentially as tables/figures are presented. Relate each finding to previous and similar studies and give reasons for the outcome. Suggestions/Recommendations are required after conclusion. References should be based on Journal style. Few references noticed in your work and they have old dates.</p>	<p>Consider modified title: Prevalence and Detection of Chlamydia trachomatis Infection in donated blood at Regional blood transfusion centre, Eldoret, Kenya - I would prefer that its current title be retained since this was an Msc thesis project and was already defended. Did the authors collected the samples themselves or they used the donated blood samples in the facility? Be specific.-It is already mentioned that the blood sample was collected by a qualified member of the blood transfusion centre. Why bolding some words here?-To place emphasis on the contents in the kit that were used in the procedure. Add sample processing heading to Sample collection section.-I would prefer if it remained the way it is since it followed the journal's format. From your methodology, you did not tell us you retrieved any information from each donors or administered questionnaires to participants. Tell us how you achieved your results in Table 2-Before any donation is done, a questionnaire is administered to each donor. I have added table (1) at the beginning of the results that showed a summary of all the donors who participated. However the results in the Chi square table used only positive samples. Few references noticed in your work and they have old dates. -The old reference is procedural. Name of the kit-That was already mentioned in line 52 Consider adding prevalence of the study and other risk factors of each participant to make the study more robust.-Thank you for this suggestion, I will consider it as part of another study. Discussion; Not properly done. It should be done sequentially as tables/figures are presented-Line 131 to line 143 discussion on table. What are the other species of Chlamydia? Are they STDs causing or not?- Focused only on <i>Chlamydia trachomatis</i> because it is the only chlamydial species that is an STD. Thank you for all the comments and observations made.</p>



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Minor REVISION comments		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	