

Review Form 3

Journal Name:	Asian Journal of Biochemistry, Genetics and Molecular Biology
Manuscript Number:	Ms_AJBGMB_130531
Title of the Manuscript:	Molecular Detection of blaNDM-1 Gene of Escherichia Coli from Different Clinical Isolates in Khartoum State
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	I appreciate work of authors on NDM data from clinical isolates, I think, overall all GNB should also include in this study. It is important data for scientific community about NDM trend among clinical isolates area wise, Sudan. I think the manuscript is scientifically correct. Prove of data should be provided in consent form.	
Is the title of the article suitable? (If not please suggest an alternative title)	Change title: Prevalence study (Duration) on blaNDM-1 Gene among clinical isolated Escherichia Coli from Clinical sites, Khartoum State, ONE HEALTH Concern	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Minor correction required: mentioned in red mark Background: most of the currently available antibiotics including carbapenems mentioned major available choice of antimicrobial agents in market. Objective: E. coli isolates recovered from the various clinical samples (mentioned sample types) Materials and Methods: E. coli isolates were recovered from various clinical samples (mentioned range of date) . The isolates were identified at the species (named major isolates) level using standard biochemical tests test names. Cefepime (30µg), Ceftriaxone (30µg), Cefpodoxime (10µg), Meropenem(10µg), Imipenem (10µg) and Amoxicilin(30µg) add at first. DNA was extracted using boiling (temp) method and they were subjected to the polymerase chain reaction detection of bla NDM-1 gene. Result: The E. coli group it according to esbl or non esbl recovered in this study Similar high level of resistance was also observed amongst the E. coli isolates to Penicillins including Amoxicilin (82%) add penicillin at first	
Is the manuscript scientifically, correct? Please write here.	Yes, help full to understand prevalence study in clinical sites	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, add updated	
Is the language/English quality of the article suitable for scholarly communications?	Yes, I think the English quality of the article is suitable for scholarly communications	
<u>Optional/General</u> comments	Some minor correction and review required as whole; mistakes of spaces are more. Add figures, ESBL classification of isolates. Modified also key words	

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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