

Review Form 3

JournalName:	Biotechnology Journal International
ManuscriptNumber:	Ms_BJI_126496
TitleoftheManuscript:	EvaluationofNGALbiomarkerandsomebiochemicalparameterinpatientwithRenaldisorderinRamadicity
TypeoftheArticle	

Review Form 3
PART 1: Review Comments

Compulsory REVISION 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)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript addresses an important topic, particularly in identifying biomarkers like NGAL for early kidney dysfunction diagnosis. Given that NGAL could potentially serve as an early biomarker for renal disorders, this study is relevant to clinical and diagnostic applications in nephrology. Highlighting the research's significance for both acute and chronic kidney diseases, as well as the demographic, strengthens its contribution to regional studies in nephrology.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title is generally appropriate and describes the main topic - examining the NGAL biomarker and biochemical parameters in patients with renal disorders in Ramad city. However, some minor improvements for clarity could be suggested, such as specifying "kidney function" or "renal biomarkers" for a more focused title.</p> <p>Suggested title: "Evaluation of NGAL and Key Biochemical Parameters in Kidney Disorder Patients in Ramad, Iraq."</p>	
<p>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.</p>	<p>The abstract captures the study's aim, methodology, and findings adequately. However, the grammar needs refinement for clarity, and some terms need better definition ("NGASL," which likely refers to NGAL, should be clarified). Also, mentioning the statistical significance for different parameters would strengthen the summary.</p> <p>Suggested improvements:</p> <ul style="list-style-type: none"> Clarify any non-standard abbreviations (such as "NGASL"). Refine sentences for readability, such as "Kidney function test (serum Creatinine and serum Urea, H B, WBC) were measured..." 	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The manuscript has a well-structured format with an introduction, methodology, results, discussion, and conclusion. Figures and tables are used to support findings, but figure legends could be more descriptive. Also, combining similar sections might improve flow.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The study is generally sound and aligns with standard research methods. It effectively employs ELISA to measure NGAL levels and uses appropriate statistical tests to analyse group differences. However, there are areas where clarity and justification are needed:</p> <ul style="list-style-type: none"> Methodological Detail: The description of the ELISA technique and blood sampling could benefit from further elaboration on why specific volumes and types of samples were chosen. 	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>References are generally relevant and include recent studies up to 2022, providing a strong background.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The manuscript's language requires revision to improve readability and grammar. Frequent minor errors, such as inconsistent terminology and unclear abbreviations, affect comprehension. Ensuring consistency in terms like "NGAL" (versus "NGASL") would also enhance clarity.</p>	

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Optional/General comments	Overall, the study presents valuable findings on NGAL as a potential biomarker for kidney disorders. Refining the manuscript as per the suggested revisions would improve its impact and clarity.	
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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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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