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| Book Name: | [**Disease and Health: Research Developments**](https://www.bookpi.org/bookstore/product/disease-and-health-research-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5248** |
| Title of the Manuscript: | **Clinical Utility of Urinary Antigen Test and Molecular Method for Detection of Legionella Pneumophila** |
| Type of the Article | **BOOK CHAPTER** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Iraqi JMS. 2018; 16(2): 207-215.**

**doi: 10.22578/IJMS.16.2.13**

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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.** | Manuscript investigates the comparative utility of urinary antigen testing and molecular PCR methods in diagnosing Legionella pneumophila, a clinically significant and often underdiagnosed cause of pneumonia. Rapid diagnostics, particularly for atypical pathogens is needed globally, this study holds value in informing diagnostic protocols in both hospital and community settings. It has potential implications for improving early detection, guiding therapy, and optimizing laboratory testing. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Title is suitable and reflects the comparative nature of the study. |  |
| 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. | The abstract effectively summarizes the study's aims, methods, and key findings. It is concise, informative, and easy to understand. However, a clearer statement of the study's primary objective and how the results impact clinical practice would provide a more focused conclusion. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The study could benefit from a larger sample size and clearer explanation of participant selection to improve generalizability and reduce bias. Additionally, a more detailed breakdown of how patient demographics or clinical presentations may influence the diagnostic methods accuracy would enhance the results' value. Finally, discussing potential limitations would strengthen the manuscript's scientific integrity. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **References are sufficient** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Manuscript is understandable, but the English needs professional editing to enhance clarity, flow, and grammatical accuracy. Some sentences are awkwardly constructed, and technical terms could be used more precisely. (Example medical word instead of medical ward)) |  |
| Optional/General comments | None |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?** |  |  |

**Reviewer details:**

**Hasan Abdullah Azzam BaniHani, University of Sharjah, United Arab Emirates**