

Accepted Manuscript

Evaluation of a two-stage testing algorithm for the diagnosis of respiratory viral infections

BJ Gardiner, Parker CEV, AR Rabson, DR Snyderman, S Doron



PII: S0732-8893(18)30085-3
DOI: doi:[10.1016/j.diagmicrobio.2018.03.007](https://doi.org/10.1016/j.diagmicrobio.2018.03.007)
Reference: DMB 14559

To appear in:

Received date: 27 November 2017
Revised date: 8 March 2018
Accepted date: 8 March 2018

Please cite this article as: BJ Gardiner, Parker CEV, AR Rabson, DR Snyderman, S Doron , Evaluation of a two-stage testing algorithm for the diagnosis of respiratory viral infections. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Dmb(2018), doi:[10.1016/j.diagmicrobio.2018.03.007](https://doi.org/10.1016/j.diagmicrobio.2018.03.007)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Evaluation of a two-stage testing algorithm for the diagnosis of respiratory viral infections

Gardiner BJ¹, Parker CEV², Rabson AR³, Snyderman DR¹, Doron S¹

¹Division of Geographic Medicine and Infectious Diseases, Tufts Medical Center and Tufts University School of Medicine, Boston, Massachusetts

²Department of Microbiology, Tufts Medical Center Boston, Massachusetts

³Department of Pathology, Tufts Medical Center and Tufts University School of Medicine, Boston, Massachusetts

Corresponding author:

Dr Bradley J. Gardiner

Email: bradgardiner@gmail.com

Fellow, Division of Geographic Medicine & Infectious Diseases
Tufts Medical Center

800 Washington Street, Box 238
Boston, MA 02111

Keywords: respiratory viral infection, diagnosis, influenza, PCR

Running title: Two stage respiratory viral diagnostic testing

Words: 2980 (not including abstract)

Abbreviations:

RVI, respiratory viral infection. ILI, influenza-like illness. COPD, chronic obstructive pulmonary disease. FilmArray, Biofire FilmArray® Respiratory Panel (Biofire Diagnostics Inc, Salt Lake City, UT). Sofia, Sofia Influenza A+B Fluorescent Immunoassay (Quidel, San Diego, CA). RSV, respiratory syncytial virus. HMPV, human metapneumovirus. NAAT, nucleic acid amplification test. DFA, direct fluorescent antibody. BAL, bronchoalveolar lavage.

Download English Version:

<https://daneshyari.com/en/article/8737186>

Download Persian Version:

<https://daneshyari.com/article/8737186>

[Daneshyari.com](https://daneshyari.com)