

## Review Form 1.7

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| Journal Name:            | Asian Journal of Research in Infectious Diseases  |
| Manuscript Number:       | Ms_AJRID_111663   |
| Title of the Manuscript: | CIRCULATING SEROTYPES OF GROUP A ROTAVIRUSES IDENTIFIED IN THE FAECES OF CHILDREN AGED 0-56 MONTHS WITH GASTROENTERITIS |
| Type of the Article      | Original Research Article   |

### 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) |
|---|---|---|
| <b>Compulsory</b> REVISION comments<br><br>1. Is the manuscript important for scientific community?<br>(Please write few sentences on this manuscript)<br><br>2. Is the title of the article suitable?<br>(If not please suggest an alternative title)<br><br>3. Is the abstract of the article comprehensive?<br><br>4. Are subsections and structure of the manuscript appropriate?<br><br>5. Do you think the manuscript is scientifically correct?<br><br>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.<br><br><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u> | <br>1. In this manuscript, the authors thoroughly analysed the serotypes of circulating group A rotaviruses in the stool samples from infants and young children in Burkina Faso. This study analysed the effectiveness of Rotateq vaccine and provided useful information for future vaccine development.<br><br>2. Yes, the title of this manuscript is suitable.<br><br>3. Overall, the abstract is comprehensive. In the last sentence of abstract, the authors stated that several serotypes were most responsible for gastroenteritis. It is true that these serotypes were the most represented in the samples from patients with gastroenteritis. However, without additional information or data, the authors cannot conclude that observed RVA serotypes and gastroenteritis were causally related.<br><br>4. Yes.<br><br>5. Yes.<br><br>6. In the introduction, the number of rotavirus-related deaths (18,590) is not correct. According to reference #1, the number should be 185,390. As per another retrospective study (PMID: 30105384), rotavirus infection was responsible for an estimated 128,500 deaths and 258,173,300 episodes of diarrhea in children under 5 years of age in 2016. |   |
| <b>Minor</b> REVISION comments<br><br>1. Is language/English quality of the article suitable for scholarly communications?  | <br>1. Figure 1 is not about evolution. The title could be changed (e.g., seasonal distribution of positive cases).<br>2. No figure legends were provided in this manuscript.<br>3. It would be more informative if the authors could provide the sequences of primers in the materials and methods section.  |   |
| <b>Optional/General</b> comments  |   |   |

### 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) |
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| Are there ethical issues in this manuscript? | <u>(If yes, Kindly please write down the ethical issues here in details)</u> |   |

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**Reviewer Details:**

|                                  |                    |
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