Reviewer’s report

Title: A prospective study of urinary pneumococcal antigen detection in healthy Karen mothers with high rates of pneumococcal nasopharyngeal carriage

Version: 1 Date: 20 February 2011

Reviewer: David Murdoch

Reviewer’s report:

The findings from this study are useful and increase our understanding of the BinaxNOW pneumococcal antigen test.

Minor Essential Revisions:
(1) The use of the chi-squared and Fisher’s exact tests are mentioned in the methods section, yet it is unclear whether any data has been analysed in this manner. Similarly, it is not apparent which continuous data are presented as median and IQR. Some of this information may have been carried over from another paper.
(2) Should "odds" really be "odds ratio" in the results section?
(3) The data in Table 1 need not be repeated in the text.

Discretionary Revisions:
(1) The company producing the BinaxNOW test has recently changed again to Alere. The authors may wish to include this detail.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests