Articles may have more than one reason for exclusion:

- 109 articles did not compare multiple risk factors, risk prediction models or clinical decision rules
- 122 articles had a control group which had a systemic infection
- 5 articles were in either animals or in non adults

1,696 excluded on screening

1,864 records identified through database searching

165 articles assessed for eligibility

13 articles included in review (12 studies)