**S2 Table. Diagnostic performance of the Goldstream Fungus (1–3)-β-D-glucan test in CDC vs TB plus healthy volunteer**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Sensitivity %****(n/N,a 95% CI)** | **Specificity %****(n/N,b 95% CI)** | **PPV****(95% CI)** | **NPV****(95% CI)** | **Positive likelihood****ratio (95% CI)** | **Negative likelihood****ratio (95% CI)** |
| **BG>31.25c** | 67(4/6, 22-96) | 55(22/40, 38-71) | 18(5-40) | 92(73-99) | 1.48(0.76-2.87) | 1.65(0.51-5.29) |
| **BG>60d** | 50(3/6, 12-88) | 68(27/40, 51-81) | 19(4-46) | 90(73-98) | 1.54(0.62-3.85) | 1.35(0.59-3.09) |
| **BG>80e** | 33(2/6, 4-78) | 75(30/40, 59-87) | 17(2-48) | 88(73-97) | 1.33(0.37-4.67) | 1.13(0.62-2.03) |
| **BG>50.79f** | 67(4/6, 22-96) | 65(26/40, 48-79) | 22(6-48) | 93(77-99) | 1.90(0.94-3.86) | 1.95(0.61-6.18) |

Abbreviations: CDC, chronic disseminated candidiasis; TB, TB; CI, confidence interval; BG, (1–3)-β-D-glucan.

Data are no. (%) patients unless otherwise indicated.

a Sensitivity was determined by dividing the no of patients with a positive test results by the number of patients with PCP tested

b Specificity was determined by dividing the no of patients with a negative test results by the number of healthy control tested

c Optimal cut-off value with high sensitivity at the expense of specificity for PCP versus TB plus healthy control

d Manufacturer-recommended cut-off point for the negative value of the (1–3)-β-D-glucan

e Manufacturer-recommended cut-off point for the positive value of the (1–3)-β-D-glucan

f Optimal cut-off value as the point of the ROC curve farthest from the diagonal line for CDC versus TB plus healthy control