**S2 Table**

**S2 Table. Determination of the optimal concentration of peroxidase-conjugated protein A/G for use in the EIA assay.** Optimal concentration of protein A/G with a serum dilution of 1:100 was found to be 1:10,000. a dilution of Protein A/G; b Sera from rabbit inoculated with Coccidioides; c Sera from rabbit inoculated with Histoplasma; d EIA units (positive cutoff 1.33); e None Detected

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|  | A/G 1:10,000a | |  |  | A/G 1:20,000 | |  | A/G 1:40,000 | |  | A/G 1:80,000 | | |
| Rabbit serum dilution | *Coccidioidesb* | *Histoplasmac* |  |  | *Coccidioides* | *Histoplasma* |  | *Coccidioides* | *Histoplasma* |  | *Coccidioides* | *Histoplasma* |
| 1:100 | 2.67d | 0.12 |  |  | 2.43 | 0.12 |  | 2.18 | 0.09 |  | 1.4 | 0.08 |
| 1:1,000 | 0.32 | NDe |  |  | 0.38 | ND |  | 0.20 | ND |  | 0.18 | 0.01 |
| 1:10,000 | 0.07 | ND |  |  | 0.01 | ND |  | ND | ND |  | ND | ND |