Table 1: Prevalence of latent classes and conditional probabilities for latent class model1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Assay | Result | N 2 | Latent classes | |
|  | Infected | Non-infected |
|  | Conditional probability (%) | |
| ssRNA Nested PCR | Positive | 20 | 15.0 | 2.7 |
| Negative | 1127 | 85.0 | 97.3 |
| CytB Nested PCR | Positive | 67 | 59.1 | 6.8 |
| Negative | 305 | 40.9 | 93.2 |
| ssRNA Real Time PCR | Positive | 71 | 87.9 | 2.4 |
| Negative | 264 | 12.1 | 97.6 |
| Plasmepsin Real Time PCR | Positive | 60 | 81.3 | 0.9 |
| Negative | 229 | 18.7 | 99.1 |

1. Latent classes were assigned using the results from all available assays
2. All assays were not performed on all samples due to insufficient DNA availability