Additional file 4: Table S3

Affinity purification of MSP119 binding antibodies using magnetic bead capture.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Pf MSP119** | **Pm MSP119** | **Po MSP119** | **Pv MSP119** | **PfCSP** | **GST** | **Teta** |
| **Sample** | **Description** | **(MFI - bg)** | **(MFI - bg)** | **(MFI - bg)** | **(MFI - bg)** | **(MFI - bg)** | **(MFI - bg)** | **(MFI - bg)** |
| Mozambique 13 | No treatmentb | 29650 | 26475 | 1445 | 28371 | 26857 | 12 | 2424 |
|  | Post incubation with Pm coated beads | 30699 | 16802 | 1287 | 29921 | 29214 | 12 | 2642 |
|  | Antibody eluted from Pm coated beads | 54 | 1684c | 20 | 11 | 0 | 1 | 0 |
|  |  |  |  |  |  |  |  |  |
| Mozambique 12 | No treatmentb | 25821 | 15187 | 10551 | 11465 | 27920 | 38 | 25409 |
|  | Post incubation with Po coated beads | 18980 | 2895 | 1912 | 2969 | 29758 | 32 | 27552 |
|  | Antibody eluted from Po coated beads | 292 | 99 | 77 | 48 | 2 | 1 | 0 |

aTetanus toxoid, a protein lacking GST, was used as an additional control.

bValues from Table 1.

cPositive antibody responses recognizing the same MSP119 antigen as that used in the capture assay are indicated in green.