

Table S1. Determination of the coating virus concentration and serum dilution for the GAstV-1-ELISA.

| Virus concentration | | Serum dilution | | | | |
|---------------------|----------------|----------------|--------|-------|---------------|--------|
| (µg/mL) | | 1:50 | 1:100 | 1:200 | 1:400 | 1:800 |
| 60 | P ^a | 1.461 | 1.329 | 1.233 | 1.035 | 0.897 |
| | N ^a | 0.324 | 0.207 | 0.179 | 0.209 | 0.126 |
| | P/N | 4.509 | 6.420 | 6.888 | 4.952 | 7.119 |
| 30 | P | 1.16 | 1.168 | 1.056 | 1.062 | 0.902 |
| | N | 0.166 | 0.183 | 0.120 | 0.123 | 0.097 |
| | P/N | 6.988 | 6.383 | 8.800 | 8.634 | 9.299 |
| 20 | P | 1.019 | 1.227 | 1.144 | 1.037 | 0.874 |
| | N | 0.185 | 0.115 | 0.117 | 0.102 | 0.086 |
| | P/N | 5.508 | 10.670 | 9.778 | 10.167 | 10.163 |
| 15 | P | 0.965 | 1.226 | 1.039 | 1.092 | 0.945 |
| | N | 0.156 | 0.152 | 0.136 | 0.106 | 0.089 |
| | P/N | 6.186 | 8.066 | 7.640 | 10.302 | 10.618 |
| 12 | P | 1.278 | 1.221 | 1.212 | 1.101 | 0.934 |
| | N | 0.204 | 0.137 | 0.127 | 0.099 | 0.086 |
| | P/N | 6.265 | 8.912 | 9.543 | 11.121 | 10.860 |
| 10 | P | 1.035 | 1.014 | 0.998 | 0.997 | 0.793 |
| | N | 0.229 | 0.126 | 0.106 | 0.101 | 0.076 |
| | P/N | 4.520 | 8.048 | 9.415 | 9.871 | 10.434 |

^aThe OD₄₅₀ nm of positive (P) and negative (N) sera

Table S2. Determination of the coating protein concentration and sera dilution for the GAstV-2-Cap-ELISA.

| Protein concentration | | Serum dilution | | | | | |
|-----------------------|----------------|----------------|-------|--------------|-------|-------|--------|
| (µg/mL) | | 1:50 | 1:100 | 1:200 | 1:400 | 1:800 | 1:1600 |
| 10 | P ^a | 1.42 | 1.34 | 1.16 | 1.08 | 0.90 | 0.71 |
| | N ^a | 0.13 | 0.10 | 0.08 | 0.08 | 0.08 | 0.08 |
| | P/N | 11.32 | 13.84 | 14.13 | 13.71 | 11.12 | 8.55 |
| 5 | P | 1.36 | 1.25 | 1.13 | 1.05 | 0.97 | 0.78 |
| | N | 0.12 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 |
| | P/N | 11.62 | 13.70 | 14.13 | 13.40 | 12.40 | 9.62 |
| 2.5 | P | 1.46 | 1.30 | 1.20 | 1.08 | 0.87 | 0.72 |
| | N | 0.12 | 0.09 | 0.08 | 0.08 | 0.07 | 0.08 |
| | P/N | 12.36 | 14.26 | 15.64 | 13.72 | 11.80 | 9.17 |
| 1.25 | P | 1.38 | 1.23 | 1.25 | 1.09 | 0.98 | 0.73 |
| | N | 0.11 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 |
| | P/N | 12.63 | 14.27 | 16.45 | 14.51 | 12.59 | 9.43 |
| 0.625 | P | 1.28 | 1.23 | 1.12 | 1.02 | 0.86 | 0.76 |
| | N | 0.10 | 0.08 | 0.08 | 0.08 | 0.07 | 0.09 |
| | P/N | 12.32 | 15.16 | 14.57 | 13.53 | 11.78 | 8.27 |

^aThe OD₄₅₀ nm of positive (P) and negative (N) sera.