

CALIBRATION CONSTANTS FOR GPC

| Sample | R_s (nm) | R_g (nm) | M | References (* = Table 1) |
|-----------------------------------|------------|------------|-----------------|-----------------------------|
| 2215-bp DNA | 58 | | 1463 | * |
| TMV | 50 | 61 | 40,000 | (77, 78) |
| Spectrin (tetramer) | 19.5 | 21.8 | 920 | (27, 90) |
| TBSV | 17.2 | | 8700 | (83) |
| TYMV | 15.1 | | 5600 | *, (84) |
| Spectrin (dimer) | 12.3 | 14.1 | 460 | (89, 90) |
| Q β | 14.3 | | 4200 | * |
| MS 2 | 13.9 | | 3600 | * |
| 195 (\pm 40)-bp DNA | 9.9 | | 128 (\pm 30) | * |
| Hemocyanin | 10.8 | | 1700 | * |
| Thyroglobulin | 8.6 | | 670 | (8, 98) |
| α -Actinin | 7.3 | | 200 | * |
| Tropomyosin | 6.1 | 8.1 | 67 | *, (76) |
| β -galactosidase (tetramer) | 6.86 | | 465 | (8, 96, 98) |
| Urease | 6.34 | | 483 | (8, 96) |
| Apo ferritin | 6.06 | | 467 | (8, 96, 98) |
| Catalase | 5.23 | | 232 | (8, 96, 98) |
| IGG | 5.23 | | 158 | (8, 97) |
| Alcohol dehydrogenase | 4.55 | | 150 | (8) |
| BSA | 3.62 | | 67 | (8, 97) |
| Alkaline phosphatase | 3.30 | | 86 | (98) |
| Ovalbumin | 2.83 | | 44 | (96) |
| Ovomucoid | 2.75 | | 25 | (95, 8), * |
| Carbonic anhydrase | 2.01 | | 29 | (96) |
| Myoglobin | 1.91 | | 16.9 | (8, 96, 98) |
| Cytochrome <i>c</i> | 1.63 | | 12.4 | (96) |
| Vitamin B ₁₂ | TOT | | 1.3 | |