



GNOM conc. mg/mL	Rg, rcp	I(0)	Rg, real	I(0)	I(0)/c	dmax	porod	range	alpha	quality
4.00	48.67	0.6	48.69	0.01	0.15	164.35	381817	3 to 276	13.20	86.3
2.00	49.12	0.3	48.94	0.02	0.15	171.85	370724	1 to 270	9.60	82.7
1.00	48.83	0.15	48.22	0.03	0.15	168.75	350795	12 to 275	5.27	79.8
0.50	48.1	0.07	48.19	0.07	0.14	165.25	326874	10 to 281	2.93	76.9
0.25	48.11	0.03	48.93	0.15	0.12	158.7	311083	19 to 280	0.88	66.2
0.13	48.77	0.02	49.14	0.3	0.16	168.55	295412	13 to 269	0.64	72
0.06	48.58	0.01	48.68	0.6	0.16	165.76	270000	6 to 280	0.34	70.8

  

AutoRG conc. mg/mL	Rg	Rg StDev	I(0)	I(0) StDev	range	Quality	Aggregated	datporod
4.00	47.99	0.08	0.60	0.00	3 to 35	0.96	0	381817
2.00	49.10	0.41	0.30	0.00	1 to 26	0.97	0	370724
1.00	48.22	0.44	0.15	0.00	12 to 35	0.86	0	350795
0.50	47.21	0.39	0.07	0.00	10 to 39	0.89	0	326874
0.25	47.38	47.98	0.03	0.00	19 to 39	0.00	0	311083
0.13	49.21	30.00	0.02	0.00	13 to 35	0.24	0	295412
0.06	47.36	4.99	0.01	0.00	6 to 35	0.83	0	270000

The sample is a complex of a 55 kDa and a 18.5 kDa proteins that remain associated throughout purification. SEC-MALS shows a shift from approx. trimeric to dimeric oligomer of this hetero-dimer at loading concentrations (100uL, to a 10/30 S200 column) similar to those above (so about 10 fold lower on elution).

