Supporting information for:

The Role of the Biotin Linker in Polymer Antibody Mimetics, iBodies, in Biochemical Assays

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Figure SI-1: ¹H NMR (300 MHz, CDCl₃) spectrum of functionalized chain transfer agent CTA- N_3 .



Figure SI-2: ¹H NMR (400 MHz, CDCl₃) spectrum of Ma-AP-biotin.



Figure SI-3: SEC chromatograms of iBodies i2 - i13 in the organic mobile phase methanol:acetate buffer 80:20, TSKgel4000SW column. 6A – iBodies with biotin along polymer chain, 6B – directly copolymerized biotin, 6C – iBodies with one biotin molecule at the polymer chain end.



Figure SI-4: Cumulative distribution of hydrodynamic radii of all iBodies.