

Supplimental information for:

Femtogram resolution of iron content on a per cell basis: *ex vivo* storage of human red blood cells leads to loss of hemoglobin.

Chalmers, J. J.^{a,1}, Jin, X.^{a,b}, Palmer, A. F.^a, Yazer, M. H.^c, Moore, L.^b, Amaya, P.^a, Park, K.^a, Pan, X.^d, and Zborowski, M.^{b,1}

Table S1. Comparisons of measurements of Duke Scientific microspheres diameters using CTV and Coulter Counter compared to manufacturer's specifications (From Nakamura *et al.*)³⁵

	Manufacturer's Specifications			CTV measurement				Coulter Counter Measurements			
	Nominal diameter (microns)	stdev	CV	N	Calculated diameter (microns)	stdev	CV	N	Measured diameter (microns)	stdev	CV
Particle 1	7	0.40	0.06	3317	7.3	0.69	0.09	12137	7.2	0.51	0.07
Particle 2	9	0.9	0.10	3182	8.5	0.76	0.09	2538	9.07	0.83	0.09
Particle 3	14.1	1.2	0.09	964	15.3	1.4	0.09	6004	14.0	1.2	0.08