

Supplementary Data

Smartphone-assisted *Hepatitis C* detection assay based on Magnetic Levitation

Fatih ÖZEFE¹, Ahu ARSLAN YILDIZ^{1*}

¹ Department of Bioengineering, Izmir Institute of Technology (IZTECH), 35430, Izmir, Turkey

Corresponding Author: ahuarslan@iyte.edu.tr; +90 (232) 750-7384

fatihozefe@iyte.edu.tr

Levitation Heights for DMBs (Polyethylene Beads) in Magnetic Levitation Platform

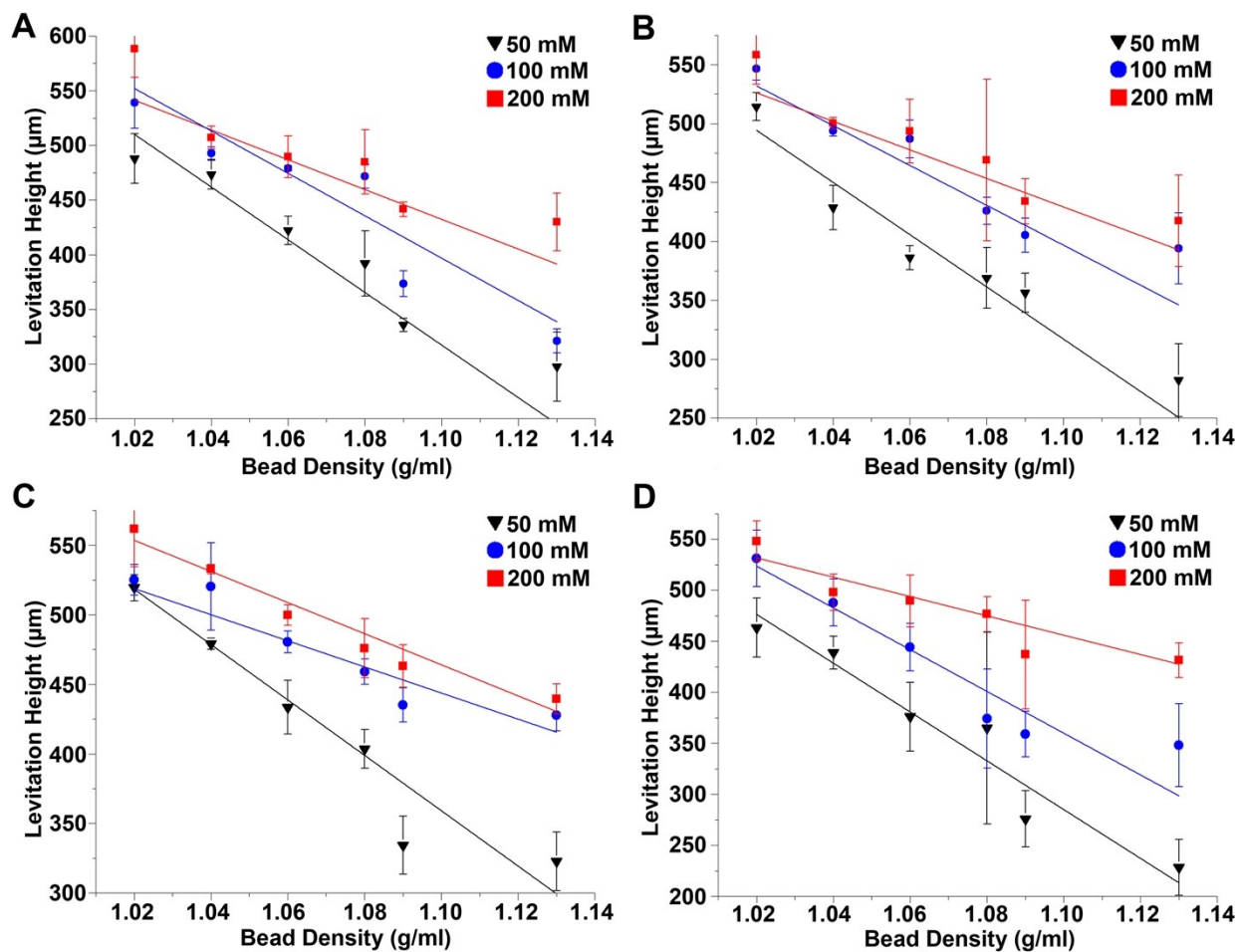


Figure S1. The levitation height of DMBs (with varied densities from 1.02 g/ml to 1.13 g/ml) was provided by different concentration levels (50, 100, and 200 mM) of (A) Gx; (B) Dx; (C) Ox; and (D) GdCl₃ within magnetic levitation platform.

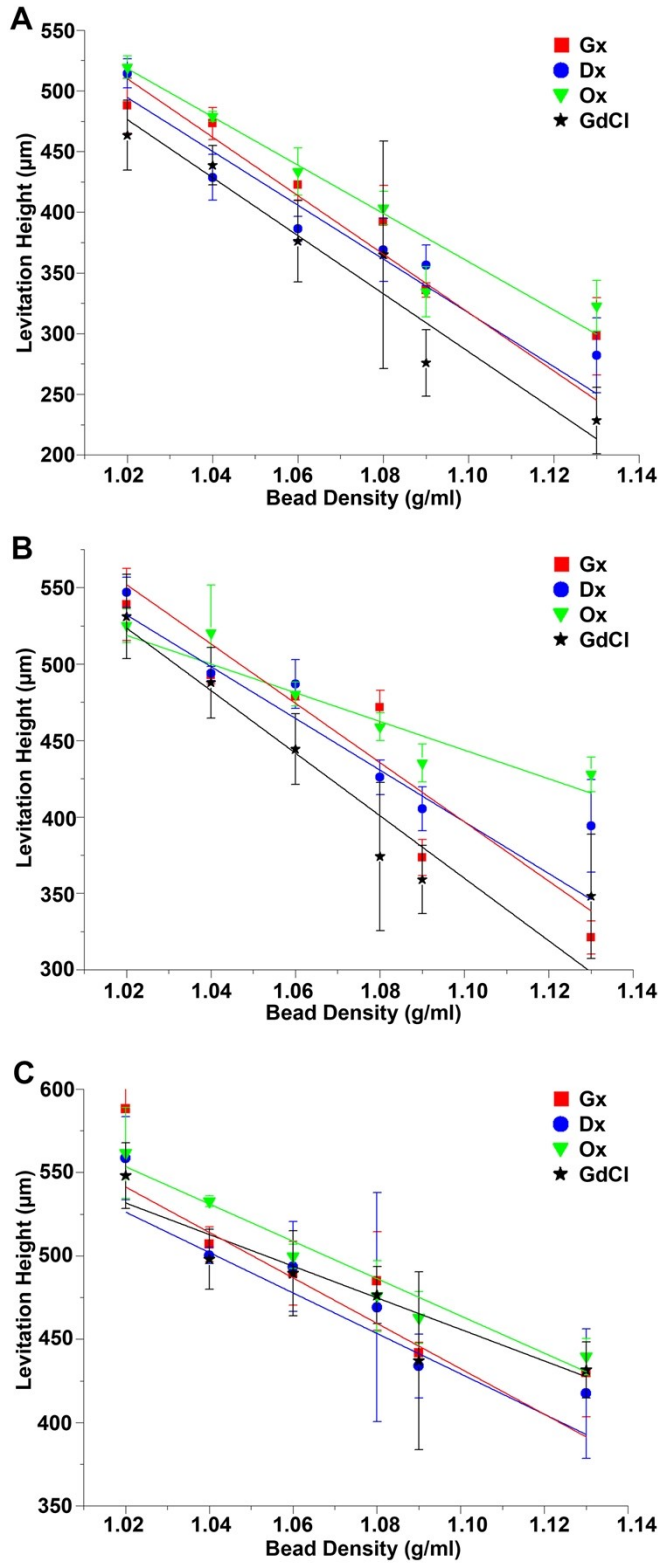


Figure 2. The levitation height of DMBs (with varied densities from 1.02 g/ml to 1.13 g/ml) was provided by using varied paramagnetic agents (Gx, Dx, Ox, and GdCl₃) in (A) 50 mM; (B) 100 mM; and (C) 200 mM.