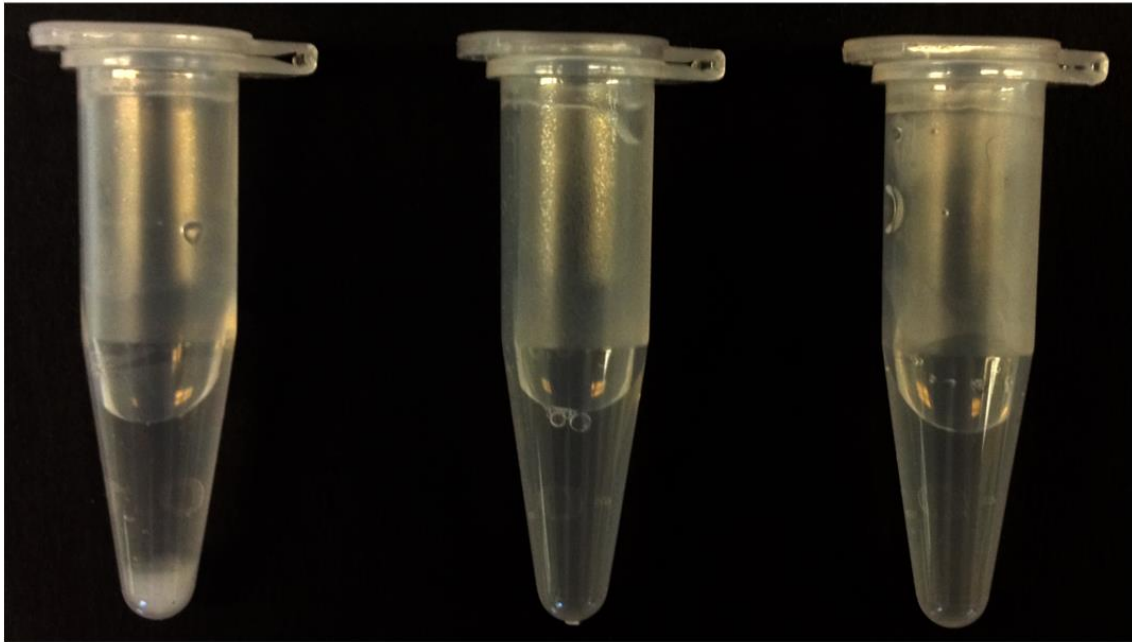


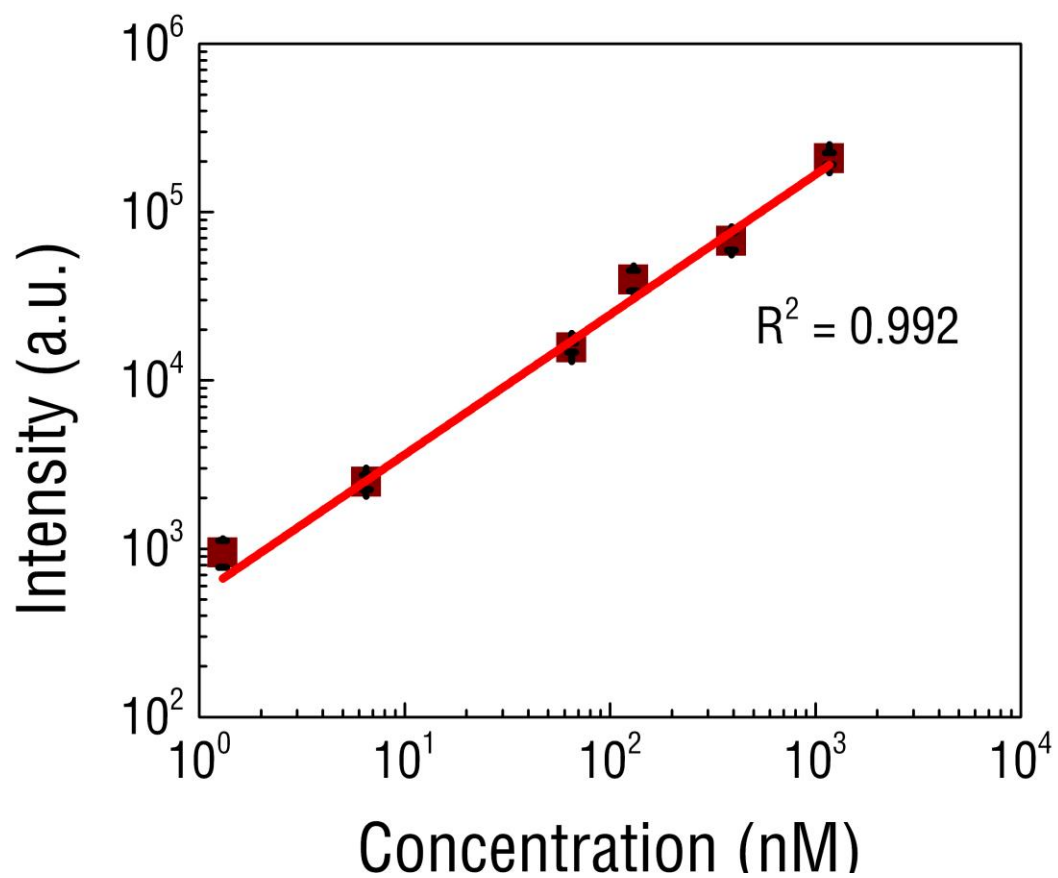
**As-synthesized
REs**

**PEGylated
REs**

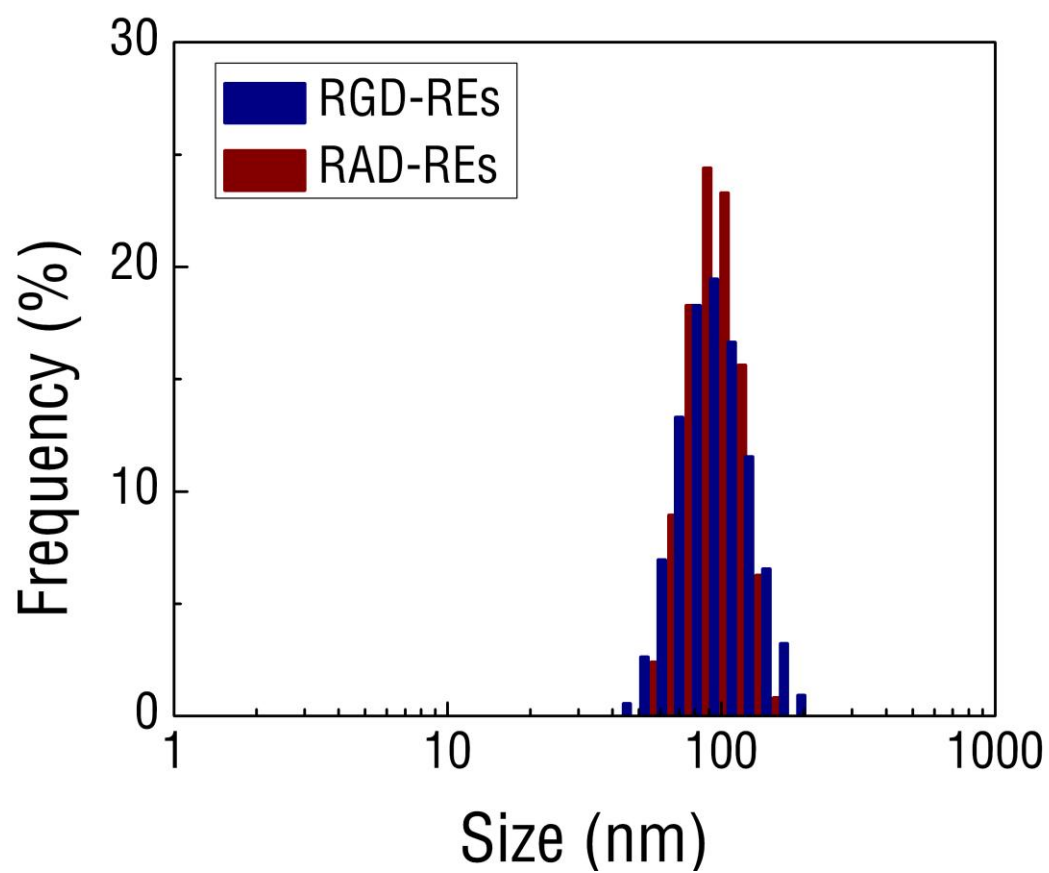
**Integrin-targeted
REs**



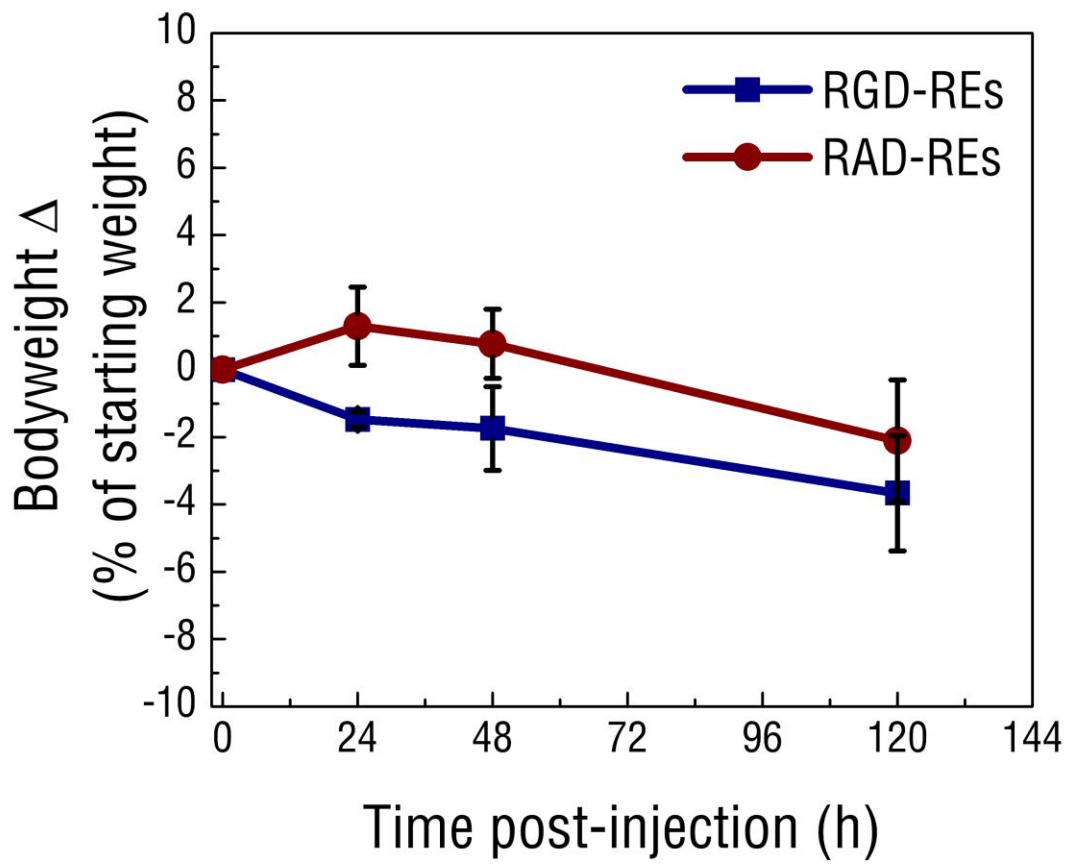
Supplemental Figure S1 - Image of various formulations of REs in solution shows that in contrast to the as-synthesized REs, both PEGylated and functionalized REs are readily dispersed in aqueous buffer.



Supplemental Figure S2 – Calibration curve of the SWIR imaging system through serial dilution of REs reveals a strongly linear relationship between SWIR signal intensity and RE concentration.



Supplemental Figure S3 – Size distribution of functionalized REs in PBS shows similar, narrow size Distribution.



Supplemental Figure S4 – Changes in the bodyweight of mice exposed systemically with functionalized REs.