

Cationic long-chain hyperbranched poly(ethylene glycol)s with low charge density for gene delivery

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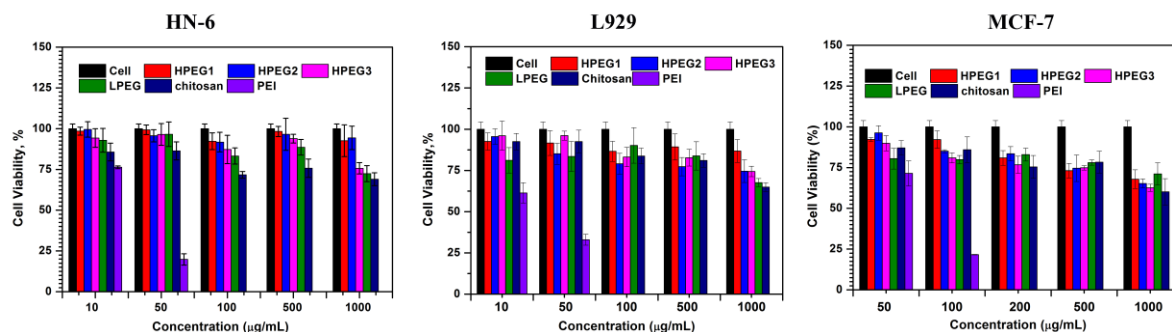


Fig. S1 Cytotoxicity of HPEG1, HPEG2, HPEG3, LPEG, chitosan and PEI in HN-6, L929 and MCF-7 cell lines evaluated by MTT assay.

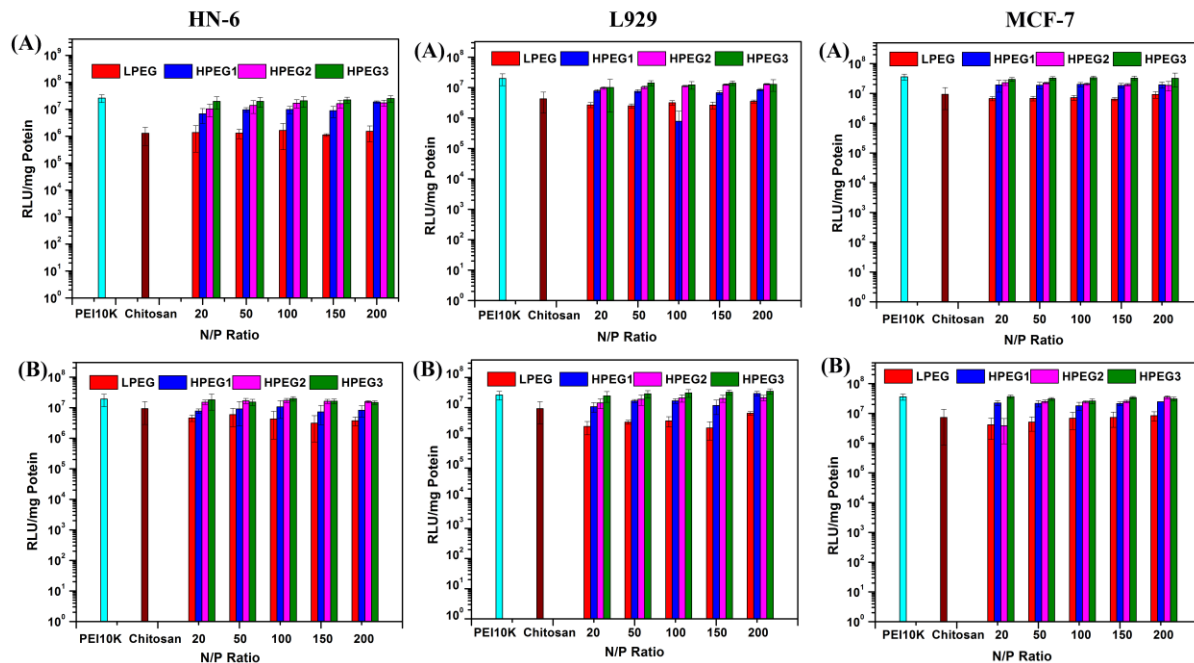


Fig. S2 Transfection efficiency of LPEG/pDNA polyplexes, HPEGs/pDNA polyplexes at various N/P ratios and linear PEI (10 kDa)/pDNA polyplexes and chitosan/pDNA polyplexes at the N/P ratio of 10 in HN-6, L929 and MCF-7 cell line cells in different media: (A) DMEM with serum, (B) serum-free DMEM. Luciferase expression levels were measured 48 h later. Results are presented as the mean±SD (n = 6).