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Title	Diphtheria toxoid dissolving microneedle vaccination: Adjuvant screening and effect of repeated-fractional dose administration
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Appendix

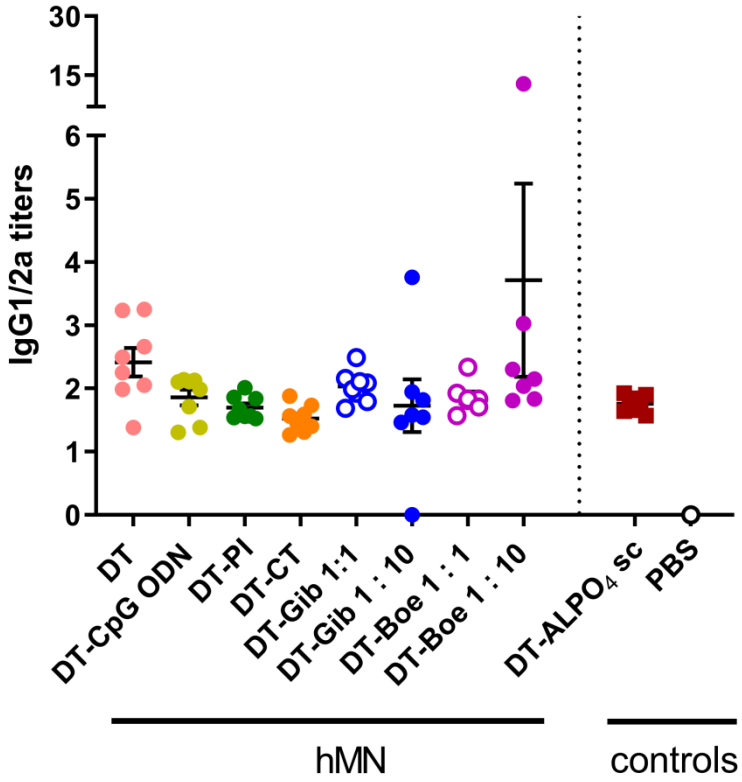


Figure S1. DT-specific IgG1 and IgG2a ratio titers on day 63. Bars represent mean ± SEM, n = 8. No significant difference among the groups was found ($p > 0.05$). hMN: hollow microneedle; DT: diphtheria toxoid; PI: poly(I:C); CT: cholera toxin; Gib: gibbsite; Boe: boehmite; $AlPO_4$: aluminum phosphate.

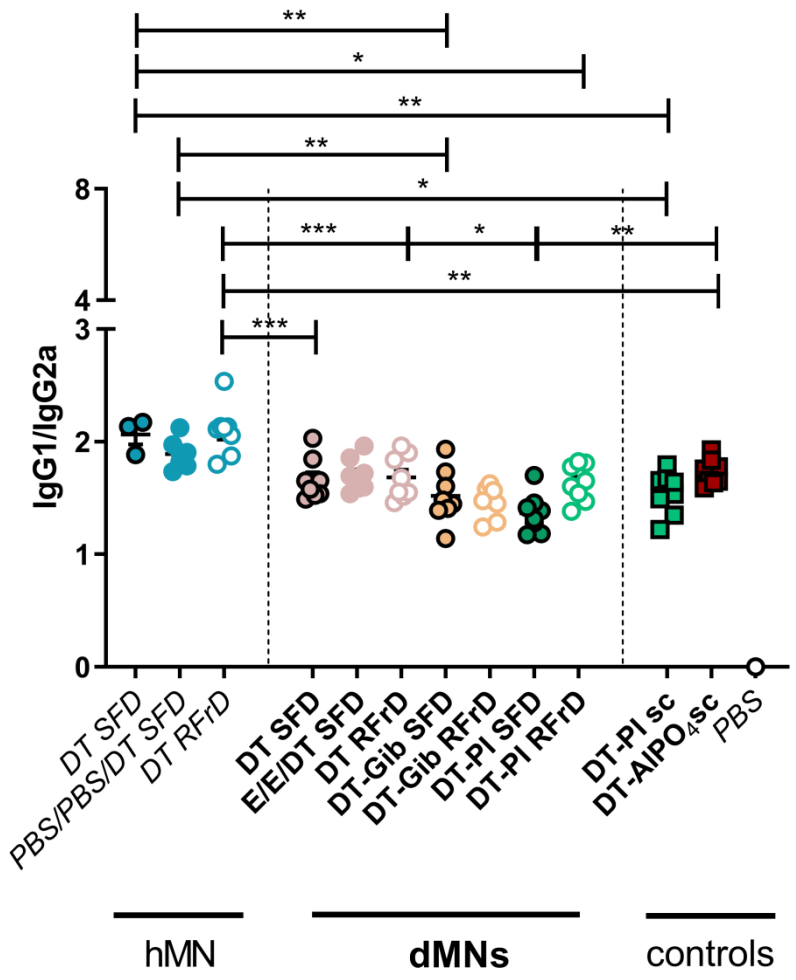


Figure S2. DT-specific IgG1 and IgG2a ratio titers measured in BALB/c mice on day 63. Bars represent mean ± SEM, n = 8. *p < 0.05, **p < 0.01, ***p < 0.001. SFD: single-full dose; RFrD: repeated-fractional dose; dMNs: dissolving microneedles; hMN: hollow microneedle; DT: diphtheria toxoid; PI: poly(I:C); Gib: gibbsite; E: empty dMNs; $AlPO_4$: aluminum phosphate