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1 mg LNO @ Apt on 1 mg
(AS ASS47 p 30)

(LNO) ~ Tallys

→

(LNO) ~ Apt

Protocol:

1 mg LNO @ Tallys (ASS46, 5 mg/mL, 200 μ L) were washed with 0.1 M MES (pH 5.8). The pellet was resusp. in MES buffer. The APS were incubated with excess EDC (62.1 g/L, 100 μ L) and airtight MES (21.7 g/L, 100 μ L) at rt. 100 μ L of 10 μ M anti-CD4 apt (1 nmol) was added to the AP resusp and mixed at rt for 4h.

washes: Tween 200.01% (1x) → 10 min
Hydrol 6x (1x) → 10 min
PBST 1mM MgCl_2 (1x) → 10 min

OLS results:

PBS: 96.9 ± 11.6 nm (PDI: 0.16)

DNA: 155.9 ± 7.9 nm (PDI: 0.21)

pH 7: -23.5 ± 2.3 mV

pH 3: -20.3 ± 0.2 mV

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