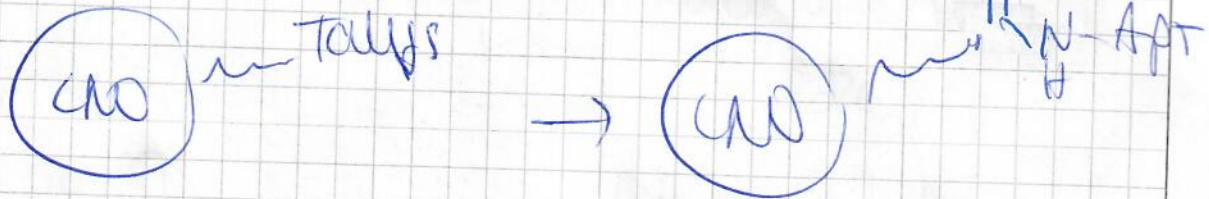


Continued from page:

- Amide bond coupling aptamer conjugation on (NO@Tolys) (A5562)



Protocol:

(couple on 0.5 mg) NO@Tolys (A5562, 100 μ l, 0.5 mg) was coupled. Reiter was washed with 0.1 M MES buffer (pH 6.0) EDC (62.1 g/l, 50 μ l) and NHS (21.7 g/l, 50 μ l) were added.

50 μ l of 10 μ M apt- α (PBS + MgCl₂) was incubated for

work: - Tween 20 0.01% (1x)
- Hybrid. buffer (1x)
- PBS MgCl₂ (1x)

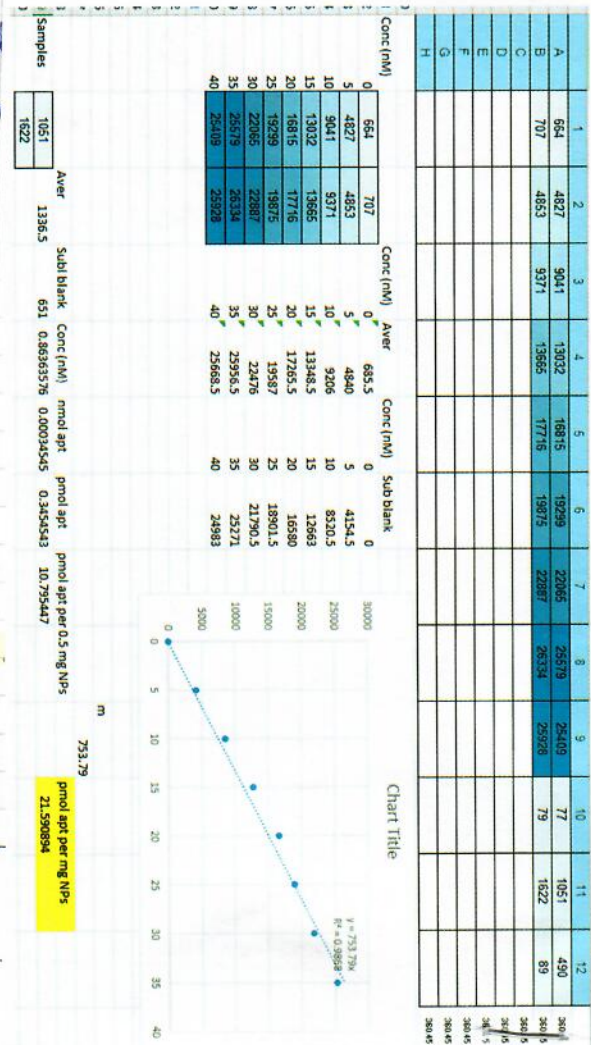
ELIS results:

PBS: 77.4 ± 3.0 m (pD: 0.14)

DMF: 222.0 ± 59.6 m (pD: 0)

pH 7: -33.9 ± 3.7 mV

pH 3: -21.2 ± 1.1 mV



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DATE