Supporting Information for

**Determination of optical density (OD) of oligodeoxynucleotide from HPLC peak area**

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**HPLC profiles of ODNs 1a, 1b and 1c**



RP HPLC of ODN **1a**

(4 µL out of 1 mL solution of ODN from 1 µmol synthesis injected; HPLC peak area is 485.042)



RP HPLC of ODN **1a**

(6 µL out of 1 mL solution of ODN from 1 µmol synthesis injected; HPLC peak area is 781.314)

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RP HPLC of ODN **1a**

(9 µL out of 1 mL solution of ODN from 1 µmol synthesis injected; HPLC peak area is 1113.091)

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RP HPLC of ODN **1a**

(12 µL out of 1 mL solution of ODN from 1 µmol synthesis injected; HPLC peak area is 1497.636)



RP HPLC of ODN **1a**

(15 µL out of 1 mL solution of ODN from 1 µmol synthesis injected; HPLC peak area is 1925.099)



RP HPLC of ODN **1a**

(20 µL out of 1 mL solution of ODN from 1 µmol synthesis injected; HPLC peak area is 2408.306)

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RP HPLC of ODN **1b**

Crude, trityl-tagged

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RP HPLC of ODN **1b**

(50 µL out of 200µL solution of ODN from 0.2 µmol synthesis injected; HPLC peak area is 498.294)

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RP HPLC of ODN **1c**

Crude, trityl-tagged

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RP HPLC of ODN **1c**

(20 µL out of 200 µL solution of ODN from 0.2 µmol synthesis injected; HPLC peak area is 429.959)