

## **Labeling Amino-linked Oligos**

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**Note: make sure that the amino-labeled oligos are resuspended in dH<sub>2</sub>O not TE (Tris will compete the labeling reaction).**

- **Dry down 5,000 pmols of amino-labeled oligo (either the same oligo or a mixture of oligos) in a speed vac**
- **Resuspend in 30 l 2X Fluor labeling buffer (Clontech)**
- **Resuspend 1 Cy3 or Cy5 dye pack (Amersham cat. # PA23001 or PA25001) in 45 l high quality DMSO (this solution may be stored in the dark at -20o C for several months)**
- **Add 30 l Cy dye-DMSO solution to oligo mixture**
- **Incubate in the dark at room temp for 30 min.**
- **Add 6 l 3M sodium acetate (pH 5.2) & mix well**
- **Add 150 l 100% ethanol & mix well**
- **Freeze at -20o C for > 1 hour (overnight OK)**
- **Centrifuge 20 min. (eppendorf cfg. full speed) @ 4o C**
- **Pipet off supernatant**
- **Add 200 l 70% ethanol & mix well**
- **Centrifuge 5 min. (eppendorf cfg. full speed) @ 4o C**
- **Pipet off supernatant**
- **Resuspend in 400 l dH<sub>2</sub>O**
- **Concentrate through a microcon-10 (Millipore cat. # 42406) filter to desired volume (do not speed vac)**

**Information on quantitating labeling efficiency can be found in the [Clontech Atlas Glass Fluorescent Labeling Kit Manual](#).**