Datasheet

Description:
- The primer is designed to initiate synthesis of a cDNA from total RNA in a reverse transcription reaction.
- For use in generating labeled cDNA for screening microarrays.
- The primer hybridizes to the poly(A) tail of mRNA.

Amount supplied: 30 µg (MW**:** 4501 mol/l; Tm: 26°C) = 1 OD unit (A260)

Storage: store at - 20°C

Transport: with "blue ice"

General Protocol:
1. Place fresh microtube in ice and make reaction mixture:
- **RNA template** 2 microliters

Total RNA 0.1 - 5 micrograms
or poly(A)+RNA 10 - 0.5 nanograms
or srecific RNA 0.01 picograms
- **random primer** 1 microliter (0.5 microgram)
- **RNAse-free water to** 16 microliters

Mix, collect by brief centrifugation.

2. Incubate mixture for 5 min at +70 °C, place in ice, collect by brief centrifugation.

3. Place microtube in ice and add:
- **x5 RT-buffer** 5 microliters
- **2.5 mM dNTP mixture** 4 microliters
- **M-MLV RT** 0.5 microliters

4. Incubate mixture for 10 min at +25 °C and 60 min at +37 °C .

5. Stop reaction by heating for min at +70 °C.

Order Information

Prod. No.	Description	Quantity
S9140	Oligo dt 1DA	30 µg

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