



## Product Specification

5' Fluorescent dye labeled Oligo d(T)

### Oligo d(T) Fluorescein Labeled

For research use only. Not for use in diagnostic procedures for clinical purposes. Commercial licenses may be obtained directly from Gene Link.

Shipping Condition: Ambient

Storage: -20°C

	Catalog No.	Product Description	Quantity	MW
<input type="checkbox"/>	26-4700-02	5' Fluorescein-Oligo d(T)12-18	25µg	5099.5
<input type="checkbox"/>	26-4712-02	5' Fluorescein-Oligo d(T)12	25µg	4186.9
<input type="checkbox"/>	26-4713-02	5' Fluorescein-Oligo d(T)13	25µg	4491.1
<input type="checkbox"/>	26-4714-02	5' Fluorescein-Oligo d(T)14	25µg	4795.3
<input type="checkbox"/>	26-4715-02	5' Fluorescein-Oligo d(T)15	25µg	5099.5
<input type="checkbox"/>	26-4716-02	5' Fluorescein-Oligo d(T)16	25µg	5403.7
<input type="checkbox"/>	26-4717-02	5' Fluorescein-Oligo d(T)17	25µg	5707.9
<input type="checkbox"/>	26-4718-02	5' Fluorescein-Oligo d(T)18	25µg	6012.1
<input type="checkbox"/>	26-4719-02	5' Fluorescein-Oligo d(T)19	25µg	6316.3
<input type="checkbox"/>	26-4720-02	5' Fluorescein-Oligo d(T)20	25µg	6620.5
<input type="checkbox"/>	26-4721-02	5' Fluorescein-Oligo d(T)21	25µg	6924.7
<input type="checkbox"/>	26-4722-02	5' Fluorescein-Oligo d(T)50	25µg	15746.5

\*Molecular weight includes the mw of the dye. An average weight is reported for Oligo d(T)12-18

#### Description

5' Fluorescein labeled oligo dT of various sizes are synthesized individually and gel purified. Oligo d(T)12-18 is a mixture of individually synthesized and purified primers of varying sizes. These are mixed in equimolar ratio. Oligo dT is used primarily to prime synthesis by reverse transcriptase of the first strand cDNA using mRNA as a template for use in microarray hybridization protocol.

The dye labeled oligo dT is gel purified and supplied as a lyophilized powder, after reconstitution store at -20°C. Oligo purity is greater than 98% as determined by denaturing polyacrylamide gel electrophoresis.

#### Fluorophore Absorbance and Emission Data

Fluorophore*	Color	Absorbance max (nm)	Emission max (nm)
6-FAM (Fluorescein)	Green	494	525
TET	Orange	521	536
HEX	Pink	535	556
Cy 3	Red	552	570
Cy 3.5	Purple	588	604
Cy 5	Violet	643	667
Cy 5.5	Blue	683	707