



Limited liability company

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## Anchored oligo d(T)<sub>18</sub>

Catalog number: OLE22-05-01, OLE22-05-05, OLE22-05-10

### Usage:

Anchored oligo d(T)<sub>18</sub> – a synthetic 20-mer single-stranded DNA oligonucleotide whose sequence is 18 dT nucleotides followed by two additional ones, VN, where V represents dA, dC or dG and N represents dA, dC, dG or dT.

Because of the variable end sequence, the primer attaches to the 5'-end of the poly(A)-tail of the mRNA and prevents binding within the poly(A)-tail, providing more efficient cDNA synthesis for labeling, first-strand synthesis, and OT-PCR applications.

### Structure

5'-TTT-TTT-TTT-TTT-TTT-TTT-VN-3'

Molar extinction coefficient: 170400

Molar mass: 6032 g/mol

### Peculiarities

The oligonucleotide is purified by reversed-phase chromatography and desalted.

It does not contain any extraneous salt impurities.

The structure of the oligonucleotide was confirmed by LCMS.

The functional activity of d(T)<sub>18</sub> was confirmed by PCR.

### Composition / Shape

Lyophilically dried oligonucleotide mixture / powder

### Packing size

Catalog number	Quantity (A <sub>260</sub> )	Quantity, nmol	Quantity, mcg
OLE22-05-01	1st		
OLE22-05-05	5th		
OLE22-05-10	10th		

### Storage conditions

Storage temperature: 2-8°C - 12 months, -20°C - 24 months