



Limited liability company  
**«Biolabmix»**  
TIN 5408278957 CAT 540801001  
630090, Novosibirsk obl., Novosibirsk,  
st. Injenernaya, building № 28  
Tel/Fax: +7(383)363-51-91, Tel: +7(383)363-22-40  
E-mail: sales@biolabmix.ru

## Primer-mix-oligo(dT)/N6

Catalog number: OLE22-06-010, OLE22-06-050

### Product Description

Ready-to-use, optimized mix of random hexamers and oligo(dT)18 primers. This mixture provides optimal and uniform coverage of the RNA sample, for a wide range of concentrations of RNA templates. In contrast to the traditional use of hexamers as primers, this method improves coverage of the 3' end of the RNA template.

Random hexanucleotides with a random composition (d(N)<sub>6</sub> [N=A,C,G,T] ) are equally likely distributed over all RNA sequences, ensuring their representation in cDNA.

Oligo d(T)18 primers make it possible to increase the representation of mRNA in the cDNA pool by binding to the 3' poly(A) tail and make it possible to obtain the longest continuous cDNA.

The non-specific primer mix Primer-mix-oligo(dT)/N6 is optimized to bind throughout the entire sequence of the RNA sample, including both mRNA and non-polyadenylated RNA (such as ribosomal RNA). This mixture of primers makes it possible to obtain a pool of, on average, relatively small cDNA molecules, allowing efficient and correct analysis of the ratios of various RNAs using real-time PCR.

### Packing size

Catalog number	Volume, µl	C, µM	Quantity, mcg
○	100	50	10
○	500	50	50

### Composition of the mixture Primer mix:

Clear solution with a total primer concentration of 50 µM in TE buffer.

### Application area:

- Synthesis of the first strand cDNA
- Formation of cDNA libraries
- Analysis of changes in gene expression
- DNA labeling

**Storage conditions:** in a place protected from light: at +25 °C - 7 days; at +4 °C - 6 months; at -20°C - 2 years.

**Transportation conditions:** at 0 - +4 °C, transportation at room temperature up to 10 days is allowed.