Product stability

We recommend that you store dried oligonucleotides at a temperature of 4°C or lower. After oligonucleotides are dissolved we recommend storage at -20°C, preferably in aliquots.

Fluorescently labeled oligonucleotides and probes should not be exposed to direct light.

We guarantee full function of oligonucleotides for two years after date of synthesis provided that they were stored according to recommendations.

Final product

The quantity of oligonucleotides is determined through UV spectrophotometry and expressed in nanomoles, optical units and micrograms. Oligonucleotides are usually delivered in a dried state. However, some of them can be delivered in a solution for technological reasons.

Stock products

In addition to custom synthesis, we hold some frequently used oligonucleotides in stock:

Cat.No.	Product	Unit
1070	in-stock oligo: random hexamers, 20 nmol	pc.
1071	in-stock oligo: random hexamers (protected), 20 nmol	pc.

Ultramers

Ultramer is intended for the synthesis of very long oligonucleotides ranging from 100 to 130 bases in length.

Ultramers can be ordered via the customer portal in a standard version, which offers an optimal balance between yield and synthesis quality and is therefore suitable for most common applications. For long oligonucleotides exceeding 100 bases, quality control cannot be guaranteed, as their high molecular weight exceeds the detection limits of the **MALDI-TOF** method, which our company uses as standard for these quality control purposes.

Standard synthesis
- Length: 100 - 130 bases
- Scale: 40 nmol
- Purification: standard

We will be happy to evaluate any non-standard requirements (e.g., modifications at the 3′ and 5′ ends or internal modifications, different synthesis scales, purification types, and sequences of 131 mer or longer) on a case-by-case basis following prior consultation with GENERI BIOTECH's production department.

Cat.No.	Product	Unit
1063-040	Oligo (100 and more bases)	chain