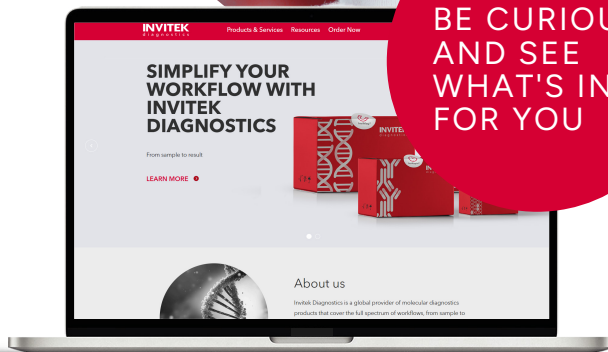


# OLIGONUCLEOTIDES

## Product catalog

Custom  
OLIGOS

BE CURIOUS  
AND SEE  
WHAT'S IN  
FOR YOU



**ONLINE PLATFORM** FOR  
OLIGONUCLEOTIDE CUSTOMIZATION  
AND ORDERING

## Company Overview

**Invitek Diagnostics** is a global provider of molecular diagnostics products that cover the full spectrum of workflows, from sample to result. The products are designed for ultimate ease of use and time saving, with a modular system that can be adapted to any laboratory environment.

We also offer DNA and RNA oligonucleotide synthesis service, customized according to the client's needs.

All oligos are produced in ISO 8 cleanrooms, using state-of-the-art synthesizers and downstream processing methods.

## What do we offer



Quality Oriented Team  
ISO 13485  
ISO 9001



High Quality Standards



Customized Products



Experienced Team

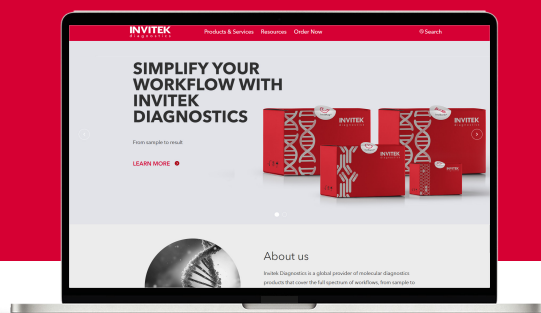


Fast time Production



Great Value

ORDER YOUR OLIGO AT  
[www.invitek.com](http://www.invitek.com)



Contact us  
T. +351 232 817 817  
[info@invitek.com](mailto:info@invitek.com)

**E-COMMERCE PLATFORM** OLIGONUCLEOTIDE CUSTOMIZATION AND ORDERING

# Oligo customization options

## Custom Oligo Synthesis



DNA



LNA



Modified Bases



Dual Labeled  
Probes



MGB Probes



Aptamers

## Modifications



Fluorophores

FAM  
HEX  
Cy5  
Cal FluorRed 610  
VIC  
ROX



Quenchers

BHQ™  
BBQ  
Dabcyl  
TAMRA  
Eclipse®



Spacers

C3  
C8  
C9  
C12

For other modifications please contact us!

## Linkages



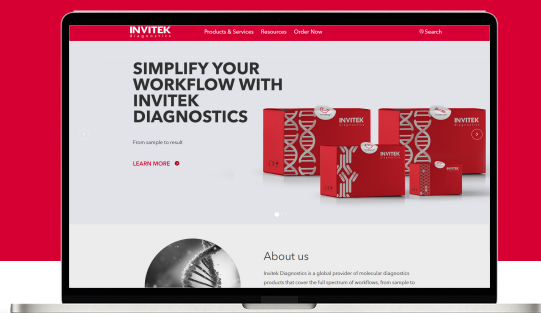
Phosphodiester bond  
Phosphorothioate bond

## Scales



10 nmol  
25 nmol  
50 nmol  
100 nmol  
200 nmol  
1000 nmol

ORDER YOUR OLIGO AT  
[www.invitek.com](http://www.invitek.com)



Contact us  
T. +351 232 817 817  
[info@invitek.com](mailto:info@invitek.com)

# How we do it

1

## Client Requirements

- Get a quote based on your needs and expectations;
- Customized manufacturing;
- On-demand specifications;

2

## Synthesis

- Scale your oligos from nmol to  $\mu\text{mol}$ ;
- Latest generation synthesizers;
- Real-time process control with full traceability;
- High quality standards guaranteed;

3

## Purification

- Standard Desalting
- Cartridge Purification
- RP-HPLC
- PAGE

4

## QC Release

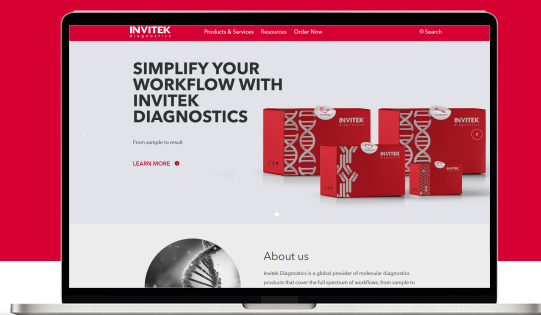
- Final yield (OD,  $\mu\text{mol}$ ,  $\mu\text{g}$ )
- Physical inspection
- ESI-MS report

5

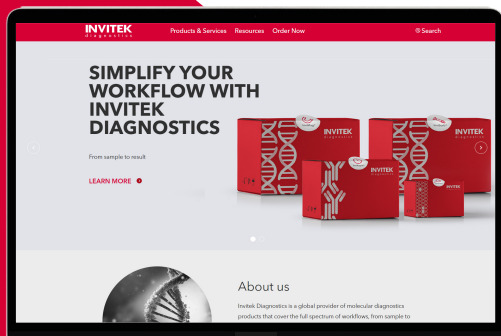
## Formulation

- Choose your formulation (dry, ready to use in a 100  $\mu\text{mol}$  solution, or in a custom formulation)

ORDER YOUR OLIGO AT  
[www.invitek.com](http://www.invitek.com)



Contact us  
T. +351 232 817 817  
[info@invitek.com](mailto:info@invitek.com)



ONLINE **OLIGO CONFIGURATOR**  
DESIGN AND ORDER CUSTOM  
OLIGONUCLEOTIDES

BE CURIOUS  
AND SEE WHAT'S  
IN FOR YOU



[invitek.com](https://invitek.com)

Contact us

[info@invitek.com](mailto:info@invitek.com)

**INVITEK DIAGNOSTICS PORTUGAL**

Zona Industrial de Tondela, ZIM II, Lote 6  
3460-070 Tondela, Portugal

**INVITEK DIAGNOSTICS GERMANY**

Robert-Roessle-Str. 10  
D-13125 Berlin, Germany