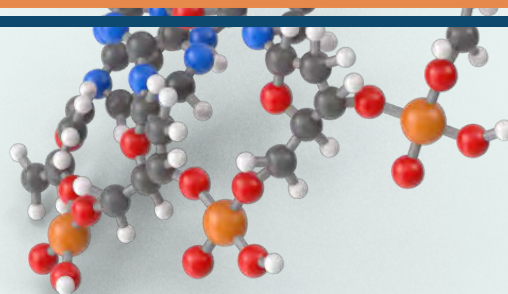


# Orochem ZARA Synthetic High Purity Oligonucleotides

Unlock the Code of Precision in Genetic Research Your Trusted

ISO 9001:2015



## Orochem ZARA Synthetic High Purity Oligonucleotides

Step into the precision-driven world of genetic research with Orochem Technologies Inc.'s ZARA Synthetic High Purity Oligonucleotides. Our extensive portfolio is meticulously designed to meet the nuanced needs of researchers and scientists in the realm of genetic engineering.

From foundational DNA oligos to intricate RNA structures and specialized modified oligos, our expertise is matched by our capabilities to deliver solutions that are nothing short of exact. With the ZARA line's guaranteed HPLC purity, your research is poised for unparalleled accuracy and groundbreaking discoveries.

### Technical Specifications:

**Amount:** 16, 32, and 96 µg per tube.

**Purification:** HPLC purity, ≥90% full-length.

**Sequence Lengths:** Ranging from 6 to 45 nucleotides.

**Quality Control:** Each product comes with COA including LC-UV and LC-MS data.

**Format:** Delivered lyophilized in tubes.

For research application only, not for diagnostic procedures.

### DNA Hybridization Probes: The Cornerstone of Genetic Analysis

DNA probes are renowned for their specificity in detecting and differentiating particular nucleic acid sequences. Orochem's ZARA line offers a comprehensive catalog of DNA hybridization probes and sequencing primers, meticulously crafted to support precise genetic analysis.

### Catalog of Precision Sequencing Primers:

Catalog #	Oligo Name	Sequence	Length (mer)
ZD20001	Sequencing Primer, pBR322 Bam HI Clockwise	5'-d-CAC TAT CGA CTA CGC GAT CA- 3'	20
ZD30001	Sequencing Primer, pBR322 Bam HI Clockwise	5'-d-TAC TTG GAG CCA CTA TCG ACT ACG CGA TCA-3'	30
ZD16001	Sequencing Primer, pBR322 Bam HI Counterclockwise	5'-d-ATG CGT CCG GCG TAG A-3'	16
ZD15001	Sequencing Primer, pBR322 EcoRI Clockwise	5'-d-GTA TCA CGA GGC CCC-3'	15
ZD30002	Sequencing Primer, pBR322 EcoRI Clockwise	5'-d-CCT ATA AAA ATA GGC GTA TCA CGA GGC CCT-3'	30
ZD15002	Sequencing Primer, pBR322 EcoRI Counterclockwise	5'-d-GAT AAG CTG TCA AAC -3'	15
ZD30003	Sequencing Primer, pBR322 EcoRI Counterclockwise (30-mer)	5'-d-TTA AAG CTT ATC GAT GAT AAG CTG TCA AAC-3'	30
ZD15003	Sequencing Primer, pBR322 Hind III Clockwise (15-mer)	5'-d-GAC AGC TTA TCA TGC-3'	15

Catalog #	Oligo Name	Sequence	Length (mer)
ZD30004	Sequencing Primer, pBR322 Hind III Clockwise (30-mer)	5'-d-AGA ATT CTC ATG TTT GAC AGC TTA TCA TCG-3'	30
ZD16002	Sequencing Primer, pBR322 Hind III Counterclockwise (16-mer)	5'-d-GCA ATT TAA CTG TGA T-3'	16
ZD30005	Sequencing Primer, pBR322 Hind III Counterclockwise (30-mer)	5'-d-GCC TGA CTG CGT TAG CAA TTT AAC TGT GAT-3'	30
ZD16003	Sequencing Primer, pBR322 Pst I Clockwise (16-mer)	5'-d-GCT AGA GTA AGT AGT T-3'	16
ZD30006	Sequencing Primer, pBR322 Pst I Clockwise (30-mer)	5'-d-ATT GTT GCC GGG AAG CTA GAG TAA GTA GTT-3'	30
ZD15004	Sequencing Primer, pBR322 Pst I Counterclockwise (15-mer)	5'-d-AAC GAC GAG CGT GAC-3'	15
ZD30007	Sequencing Primer, pBR322 Pst I Counterclockwise (30-mer)	5'-d-AAT GAA GCC ATA CCA AAC GAC GAG CGT GAC-3'	30
ZD15005	Sequencing Primer, pBR322 Sal I Clockwise (15-mer)	5'-d-ATG CAG GAG TCG CAT-3'	15
ZD30008	Sequencing Primer, pBR322 Sal I Clockwise (30-mer)	5'-d-CTG GGC TGC TTC CTA ATG CAG GAG TCG CAT-3'	30
ZD15006	Sequencing Primer, pBR322 Sal I Counterclockwise (15-mer)	5'-d-AGT CAT GCC CCG CGC -3'	15
ZD30009	Sequencing Primer, pBR322 Sal I Counterclockwise (30-mer)	5'-d-AAG TGC GGC GAC GAT AGT CAT GCC CCG CGC-3'	30
ZD17001	Sequencing Primer, pBR322 Ssp I Clockwise (17-mer)	5'-d-GGA AAT GTT GAA TAC TC-3'	17
ZD18001	Sequencing Primer, pBR322 Sty I Counterclockwise (18-mer)	5'-d-GCT GGA GAT GGC GGA CGC-3'	18
ZD06001	Random Hex	d-NNNNNN	6
ZD13001	Random 13-mers	d-NNNNNNNNNNNNNN	13
ZD15007	pUC/M13 Seq.Pr	d-TCC CAG TCA CGA CGT	15
ZD17002	pUC/M13 UP(-20)	d-GTA AAA CGA CGG CCA GT	17
ZD17003	pUC/M13 SP(-40)	d-GTT TTC CCA GTC ACG AC	17
ZD24001	pUC/M13 SP(-47)	d-CGC CAG GGT TTT CCC AGT CAC GAC	24
ZD13002	M13 Prob Primer	d-GAA ATT GTT ATC C	13
ZD16001	M13 Hybr ProbPrim	d-CAC AAT TCC ACA CAA C	16
ZD16002	pUC/M13Rev(-24)	d-AAC AGC TAT GAC CAT G	16
ZD24002	pUC/M13Rev(-48)	d-AGC GGA TAA CAA TTT CAC ACA GGA	24
ZD20002	SP6 Promoter seq	d-CGA TTT AGG TGA CAC TAT AG	20
ZD20003	T3 Prometer seq	d-ATT AAC CCT CAC TAA AGG GA	20
ZD20004	T7 Promoter prim	d-TAA TAC GAC TCA CTA TAG GG	20

Our catalog offers a variety of sequencing primers for applications that demand high specificity and stability. Each primer is synthesized with the utmost precision, ensuring that your research has the foundation it needs for success.

## Other Featured Synthetic Oligonucleotides:

While this brochure highlights our DNA probes, Orochem's expertise spans additional applications, including:

- 🌀 AIDS amplification probes
- 🌀 Epstein-Barr Virus Primers and Probes
- 🌀 Human Cytomegalovirus Primers and Probes

Detailed information on these specialized oligonucleotides is available upon request, each designed to propel your research forward in these critical areas of study.

## Partner with Orochem for Your Genetic Research Needs

When you choose Orochem Technologies Inc., you're not just selecting a product; you're partnering with a leader in genetic innovation. Our ZARA Synthetic High Purity Oligonucleotides are at the forefront of scientific research, enabling you to delve into the genetic code with confidence and precision.

Embrace the future of genetic exploration with Orochem's ZARA line—where every nucleotide is a step towards discovery.



Embark on a Journey of Discovery  
with Orochem's Cutting-Edge Solutions

With Orochem, Every Experiment Counts Towards Tomorrow's Breakthroughs



For Free Consultation, Please Enquire:

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