

## Our Other Services

Providing genomic analysis needed by scientists to make breakthroughs in research, drug discovery and molecular diagnostics.



DNA Extraction Kits



Extraction/Purification of DNA/RNA



Molecular Services



Isolates Identification Services



DNA Barcoding



REPROCELL Products & Services



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## Oligonucleotide Synthesis

### India's leading Oligosynthesis service provider

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## We provide exceptional quality Oligonucleotides which enables you to succeed in your experiments

- Oligos are synthesized on 10, 20, 25, 50, 100, 200 and 1000 nmole scales.
- Other quantities available on request. All the oligos are desalted & lyophilized.
- Increase your quality based on your experimental needs. We offer wide range of purification techniques.
- We follow stringent synthesis and QC parameters to provide quality product to our customers.

### Choose the right Scale and Purification

Type of Purification	Length	5-35	5-35	5-50	5-100	5-120	5-150
	Scale (nmole)	10	20	50	100	200	1000
Desalted	OD @ 260 nm	5-7	7-8	8-10	15-20	21-25	30-35
OPC	OD @ 260 nm	1-3	2-4	2-5	5-8	8-12	12-15
HPLC	OD @ 260 nm	-	-	1-4	2-5	8-10	10-12
PAGE	OD @ 260 nm	-	-	1-3	3-5	5-7	7-10

### Standard Modifications

Modifications	Labelling Pos.		
	5'	Int	3'
BIOTIN	✓	-	✓
INOSINE	✓	✓	-
AMINO	✓	-	✓
PHOSPHORYLATION	✓	-	✓
THIOL	✓	-	✓

### Quenchers

5' Label	3' Label
FAM	BHQ-1
TET	BHQ-1
HEX	BHQ-1
TAMRA	BHQ-1, BHQ-2
CY5	BHQ-2
CY3	BHQ-1

### Details of Activity Report

- OD Units
- Oligo concentrations in picomoles, nanomoles and micrograms
- Melting Temperature (Tm) of the Oligo
- Total Yield
- GC Percentage
- Molecular Weight
- Reconstitution volume to get the 100µM concentration



BioServe India, A part of the REPROCELL group of companies is the pioneer for Oligonucleotide synthesis in India. Since its inception, BioServe delivers the highest quality products to match the researcher's needs. We offer a complete line of custom Oligonucleotide synthesis and purification services based on customer requirements. We facilitate the synthesis of Oligonucleotides with the help of High-throughput automated machines.

The ancillary reagents used for the synthesis are tested and approved before use in production to avoid low-quality parameters. The synthesis process is optimized and automated to meet the stringent requirements of quality level. Moreover, we work according to GMP procedures, providing full traceability with extensive batch production records.