

Custom siRNA Oligos:

BioVision offers low price and high quality Custom siRNA Oligos. All our siRNA oligos undergo vigorous process monitoring and strict quality control. Length and labeling are systematically controlled by PAGE or mass spectrometry analysis. Quantity is systematically validated by UV absorbance at 260 nm. Although there are quite a lot principles for the designing of published sequences and quite a few companies supply on-line design service. However, no software can guarantee the efficiency of the oligos designed. BioVision and our collaboration laboratories have been involved in RNAi research for some time. We provide low price and high quality Oligos. Researchers just need to dilute siRNA oligos into the included universal buffer, and conduct their experiments.

BioVision can design four various siRNA pairs for each target gene. Customers can use one pair alone or multiple pairs mixed. The inhibition efficiency can be enhanced by conducting "siRNA Pool".

Specifications of Custom siRNA Oligos:

Quality Control: All our custom siRNA oligos undergo vigorous process monitoring and strict quality control. Length and labeling are systematically controlled by PAGE or mass spectrometry analysis. Quantity is systematically validated by UV abs at 260 nm.

Purification: Fully deprotected and desalted

Purified by PAGE

Length: 19 to 23 mers

Bases: RNA (A, C, G or U)

Backbone: Phosphodiester bond

Applications: siRNA Transfection

Format: Single-strand RNA oligos is delivered in dry form

Storage and stability: Although oligonucleotides are stable in solution at 4°C for up to 2 weeks, we recommend storage should be at -20°C. Repetitive freeze-thaw cycles should be avoided by storing as aliquots. For long-term storage, siRNA oligos should be dried.

Shipment: Shipped by express delivery, dry in individual, transparent tubes.

Oligonucleotide Technical Data Sheet: Oligonucleotides are delivered with an Oligonucleotide Technical Data Sheet, which includes oligonucleotide name, sequence, concentration, size, purification method.

Pre-designed SiRNA Oligo Sets:

Additionally, BioVision can design a siRNA Oligo Set for the customers who intend to ensure the inhibition efficiency. The customer needs to provide us the Gene Name and the Accession Number, and then we will design 3 siRNA sequences aimed at the gene.

Pre-designed SiRNA Oligo Set A (# M1268-1):

Product Name	Quantity	Purification	Part No.
Target Gene siRNA Oligos	3 candidates (1 x 2 OD)	PAGE	M1268-XX-1
Negative Control siRNA Oligos	1 OD	PAGE	M1268-XX-2
FAM-labeled Negative Control siRNA Oligos	1 OD	PAGE	M1268-XX-3
Positive Control siRNA Oligos	1 OD	PAGE	M1268-XX-4

Pre-designed SiRNA Oligo Set B (# M1269-1):

Product Name	Quantity	Purification	Part No.
Target Gene siRNA Oligos	4 candidates (1 x 4 OD)	PAGE	M1269-XX-1
Negative Control siRNA Oligos	1 OD	PAGE	M1269-XX-2
FAM-labeled Negative Control siRNA Oligos	1 OD	PAGE	M1269-XX-3
Positive Control siRNA Oligos	1 OD	PAGE	M1269-XX-4

Product Name	Cat. No.	Quantity	Listed Price/Pair (\$)
Custom siRNA	M1253-2	2 OD	225
Custom siRNA	M1253-3	3 OD	250
Custom siRNA	M1253-4	4 OD	275
Custom siRNA	M1253-5	5 OD	350
Custom siRNA	M1253-6	6 OD	360
Custom siRNA	M1253-7	7 OD	375
Custom siRNA	M1253-8	8 OD	395
Custom siRNA	M1253-9	9 OD	425
Custom siRNA	M1253-10	10 OD	450
Pre-designed siRNA Oligo Set A	M1268-1	1 OD	625
Pre-designed siRNA Oligo Set B	M1269-1	1 OD	775