

Custom siRNA

(Cat# M1253-2 to M1253-10; 2 OD-10 OD; PAGE Purified; Store at -20°C)

I. Introduction:

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 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".

II. 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
- **Format:** Single-strand RNA oligos is delivered in dry form
- **Oligonucleotide Technical Data Sheet:** Oligonucleotides are delivered with an Oligonucleotide Technical Data Sheet, which includes oligonucleotide name, sequence, concentration, size, purification method

III. Applications: siRNA Transfection

IV. 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.

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

VI. Package Contents (Custom siRNA):

| Components | Quantity | Part No. |
|------------------|----------|------------|
| Custom siRNA | Varies | M1253-XX-1 |
| Universal Buffer | Varies | M1253-XX-2 |

VII. Related Products:

| Product Name | Cat. No. | Quantity |
|-------------------------------------|---------------------|---------------|
| Custom siRNA | M1253-2 to M1253-10 | 2 OD to 10 OD |
| Chemically Modified siRNA | M1254-2 to M1254-10 | 2 OD to 10 OD |
| Fluorescent labeled siRNA | M1255-2 to M1255-10 | 2 OD to 10 OD |
| Custom Neg Control siRNA | M1256-1 | 1 OD |
| Labeled Neg Control siRNA | M1257-1 | 1 OD |
| Custom Pos Control siRNA | M1258-1 | 1 OD |
| ss miRNA mimics | M1259-2 to M1259-10 | 2 OD to 10 OD |
| ss miRNA mimics Neg Control | M1260-1 | 1 OD |
| Labeled ss miRNA mimics Neg Control | M1261-1 | 1 OD |
| ds miRNA mimics | M1262-2 to M1262-10 | 2 OD to 10 OD |
| ds miRNA mimics Neg Control | M1263-1 | 1 OD |
| Labeled ds miRNA mimics Neg Control | M1264-1 | 1 OD |
| miRNA Inhibitor | M1265-2 to M1265-10 | 2 OD to 10 OD |
| miRNA Inhibitor Neg Control | M1266-1 | 1 OD |
| Labeled miRNA Inhibitor Neg Control | M1267-1 | 1 OD |
| Pre-designed siRNA Oligo Set A | M1268 | Set |
| Pre-designed siRNA Oligo Set B | M1269 | Set |
| Chemically Modified siRNA Set C | M1270 | Set |
| Chemically Modified siRNA Set D | M1271 | Set |
| Labeled siRNA Set E | M1272 | Set |
| Labeled siRNA Set F | M1273 | Set |

FOR RESEARCH USE ONLY! Not to be used on humans.