



## siTrio <Individuals>

Individuals of 3 double stranded RNA oligonucleotides (21mer)

Size: 3 nmol / tube

Sequence information: Refer to the attachment

3'- orverhang: dTdT/dTdT (sense/antisense)

Specifications: deprotected, desalted, and annealed

Form: lyophilized (buffer added)

Usage: Refer to the table below for the volume of RNase-free water that should be used to solubilize the RNA oligonucleotides. The final concentration of solubilized siRNA should be between 10  $\mu$ M - 250  $\mu$ M.

Annealing buffer: 30 mM HEPES, pH7.4, 100 mM Potassium Acetate.

If the volumes in the table are followed, the final concentration will become 12 mM HEPES, pH 7.4, 40 mM potassium acetate.

Size (nmol)	9
Formation	3 nmol x 3
RNase-free water to add ( $\mu$ l) / tube	30
Final concentration ( $\mu$ M)	100

### Notes:

The lyophilized RNA oligonucleotides will appear transparent or white or yellowish powder. These differences have no effect on the quality of the oligonucleotides. Also, lyophilized oligonucleotides may adhere to the lid or sides of the tube; we recommend a quick centrifugation prior to opening the tube.

### Shelf Life and Storage Conditions:

In lyophilized form, the RNA oligonucleotides can be maintained for up to 6 months at 4°C or 12 months at -20°C. In aqueous form, the oligonucleotides can be maintained for up to 6 months at -20°C. We recommend aliquoting the resuspended oligonucleotides prior to storage to minimize the number of freeze thaws the sample will undergo. In aqueous form, the RNA oligonucleotides should last for a week at 4°C, when maintained in an RNase-free environment.



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## siTrio <Cocktail>

Cocktail of 3 double stranded RNA oligonucleotides (21mer)

Size: 15 nmol / tube (3 sequences, 5 nmol of each)

3'- overhang: dTdT/dTdT (sense/antisense)

Specifications: deprotected, desalted, and annealed

Form: lyophilized (buffer added)

Usage: Refer to the table below for the volume of RNase-free water that should be used to solubilize the RNA oligonucleotides. The final concentration of solubilized siRNA should be between 10  $\mu$ M - 250  $\mu$ M.

Annealing buffer: 30 mM HEPES, pH7.4, 100 mM Potassium Acetate.

If the volumes in the table are followed, the final concentration will become 12 mM HEPES, pH 7.4, 40 mM potassium acetate.

Size (nmol)	15
Formation	15 nmol x 1
RNase-free water to add ( $\mu$ l) / tube	150
Final concentration ( $\mu$ M)	100

### Notes:

The lyophilized RNA oligonucleotides will appear transparent or white or yellowish powder. These differences have no effect on the quality of the oligonucleotides. Also, lyophilized oligonucleotides may adhere to the lid or sides of the tube; we recommend a quick centrifugation prior to opening the tube.

### Shelf Life and Storage Conditions:

In lyophilized form, the RNA oligonucleotides can be maintained for up to 6 months at 4°C or 12 months at -20°C. In aqueous form, the oligonucleotides can be maintained for up to 6 months at -20°C. We recommend aliquoting the resuspended oligonucleotides prior to storage to minimize the number of freeze thaws the sample will undergo. In aqueous form, the RNA oligonucleotides should last for a week at 4°C, when maintained in an RNase-free environment.

This product is to be used for Research Purposes Only. It is not to be used for therapeutic or diagnostic or food manufacturing purposes, nor is it intended for Human Use. The product cannot be returned after opening, unless the product itself fails to meet product specifications defined in the Certificate of Analysis. Notice of nonconforming products must be made to COSMO BIO CO., LTD. within 30 days of receipt of the product. COSMO BIO CO., LTD. shall not be liable for any profit losses or business interruption or direct or indirect damages of any kind, regardless of cause, as a result of product use.

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