


Silencer™ Human Kinase siRNA Library

Catalog Number A30079

Pub. No. 100038147 Rev. A

 **WARNING!** Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from thermofisher.com/support.

Product description

The Invitrogen™ Silencer™ Human Kinase siRNA Library contains Silencer™ pre-designed, and when available, validated siRNAs.

- The siRNAs target human kinase genes.
- For handling and usage guidelines, refer to *Silencer™ Libraries: Transfection Protocol* (Pub. no. MAN0014606).

Library characteristics

| Characteristic | Description |
|----------------------------|---|
| Lot number | XXXXXXX |
| Total amount of each siRNA | 0.25 nmol of each siRNA |
| siRNA aliquot description | 1 × 0.25 nmol |
| Library content | 2127 unique siRNAs targeting transcripts from each of 709 kinase genes. Total of 27 × 96-well plates (Axygen PCR96FS; www.axxygen.com). <ul style="list-style-type: none"> • 24 plates with 88 siRNAs each. • 3 plates with 5 siRNAs each. A few siRNAs target more than one gene's transcript(s), due to gene families with highly homologous members or predicted genes with high homology to verified genes. Refer to the accompanying CD for sequence information and additional siRNA details. |
| Library format | Individual siRNAs |
| Empty wells per plate | Last column empty |
| Plate layout | siRNAs to same target in separate plates in same location |
| siRNA purity | Standard |
| siRNA format | Annealed |
| Appearance | Powder |
| Storage | Store at or below -20°C. Do not store in a frost-free freezer. (Dried oligonucleotides are shipped at ambient temperature.) |
| Shelf life | 1 year, when stored at or below -20°C. |

Quality control

Identity: The mass of a sample of each single-stranded RNA oligonucleotide is analyzed using MALDI-TOF mass spectrometry and compared to the calculated mass.

Annealing: A sample of the annealed siRNA is analyzed by nondenaturing gel electrophoresis.

Limited product warranty

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