

Ordering Information

Product Name	Catalogue Number
Neuro9 siRNA Benchtop Kit - 2 mg	NWT0002

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Neuro9™ siRNA Benchtop Kit - 2 mg

The Neuro9 siRNA Benchtop Kit, designed for the NanoAssemblr™ Benchtop instrument, provides the user with all the components needed to easily and quickly manufacture siRNA nanoparticles for in vivo use. These nanoparticles will successfully deliver siRNA to neurons in animal models with low toxicity. This transfection kit, when used with the Benchtop instrument, is optimized to have high encapsulation efficiencies (~95%) of siRNA and can encapsulate 2 mg of siRNA in our proprietary nanoparticle mix.

In localized injections to the brain, a single 2 mg encapsulation allows for the treatment of 50 animals (treatment dose: 20 µg/animal).

Kit Contents

Contents of Transfection Kit	Description	Storage Instructions
NanoAssemblr Benchtop Cartridge	Qty 1	Sterile, Room Temperature
Nucleic Acid Storage Buffer	0.5 mL	Sterile, Store at 4 °C
Neuro9 siRNA Benchtop Nanoparticle Mix	1.7 mL	Sterile, Store at -80 °C
Neuro9 siRNA Benchtop Formulation Buffer 1	10 mL	Sterile, Store at 4 °C
Neuro9 siRNA Benchtop Formulation Buffer 2 (10x)	25 mL	Sterile, Store at 4 °C

The NanoAssemblr Benchtop is required to formulate nanoparticles using the contents of this kit.