*Rev*IT™ AAV Enhancer

Quick Reference Protocol

Instructions for MIR 8000, 8006, 8080, 8200

SDS and Certificate of Analysis available at mirusbio.com/literature

SPECIFICATIONS

Storage	Store *Rev*IT™ AAV Enhancer at -10 to -30°C, tightly capped. ***Before each use***, warm to ambient temperature greater than 19°C and vortex gently. *Rev*IT™ AAV Enhancer is known to maintain function through at least five freeze-thaw cycles (thawed in a 37°C incubator). Return to proper storage conditions after each use.
Product Guarantee	When properly stored and handled, *Rev*IT™ AAV Enhancer is guaranteed for 6 months from the date of purchase.

*Rev*IT™ AAV Enhancer Workflow

Maintain Cells

Passage cells regularly and ensure they are >95% viable before transfection.

Thaw *Rev*IT™

Day 0

Seed cells.

Per ml of culture, add 1 µl ***Rev*IT™** to diluted DNA prior to adding the transfection reagent as directed by the manufacturer.

Day 2 - 3

Harvest AAV **48 - 72 hr** post-transfection.

▶ Optimization

Titrate *Rev*IT™ AAV Enhancer from 0.5 to 1.5 µl per 1 ml of cell culture media to assess the optimal amount for production of your specific viral vector. For example, if transfecting a 30 ml cell culture, test 15 µl to 45 µl of *Rev*IT™ AAV Enhancer.

Product Description

Recombinant AAV has become an invaluable tool for gene therapy and the creation of isogenic human disease models. *Rev*IT™ AAV Enhancer boosts the performance of transfection reagents used in AAV production applications or workflows. The *Rev*IT™ AAV Enhancer is ideal for generating high titer AAV preparations to accelerate research and development.

Product Formats

*Rev*IT™ AAV Enhancer is supplied in the following formats:

Product No.	Quantity	Thaw Time (at room temperature)	Thaw Time (at 37°C)
MIR 8000	1.5 ml	~4 hours	~30 minutes
MIR 8006	10 × 1.5 ml		
MIR 8080	75 ml	36 - 48 hours	~3 hours
MIR 8200	200 ml		~6 hours

*Rev*IT™ AAV Enhancer can be paired with *Trans*IT-VirusGEN® Transfection Reagent in 3 ml (MIR 8007) and 30 ml (MIR 8008) configurations.

Product Usage

Thaw *Rev*IT™ AAV Enhancer. Refer to the Table above for approximate thaw time at room temperature and 37°C for each volume.

Mix *Rev*IT™ AAV Enhancer well prior to use and ensure the solution is completely thawed. Perform transfection per transfection reagent manufacturer's recommendations. Prior to adding transfection reagent, add 1 µl of *Rev*IT™ AAV Enhancer to diluted DNA per 1 ml of cell culture media.

Harvest AAV as appropriate for your process, typically 48 - 72 hours after transfection.

For Research Use Only

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NOTES

Reagent Agent®

Reagent Agent® is an online tool designed to help determine the best solution for nucleic acid delivery based on in-house data, customer feedback and citations.

Learn more at: mirusbio.com/ra

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