

NTx Advantage

Technology

- Proprietary, high-efficiency enzymes and NTPs
- Continuous manufacturing platform
- Modular and customizable workflows to user requirements
- Flexible in scaling from R&D to commercial supply
- Real time, in-process analytics

ntxscribe[®]
Continuous Flow RNA Manufacturing Platform

Contact us

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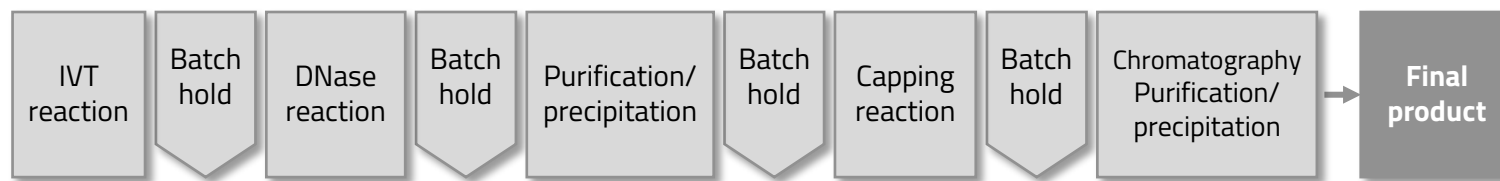
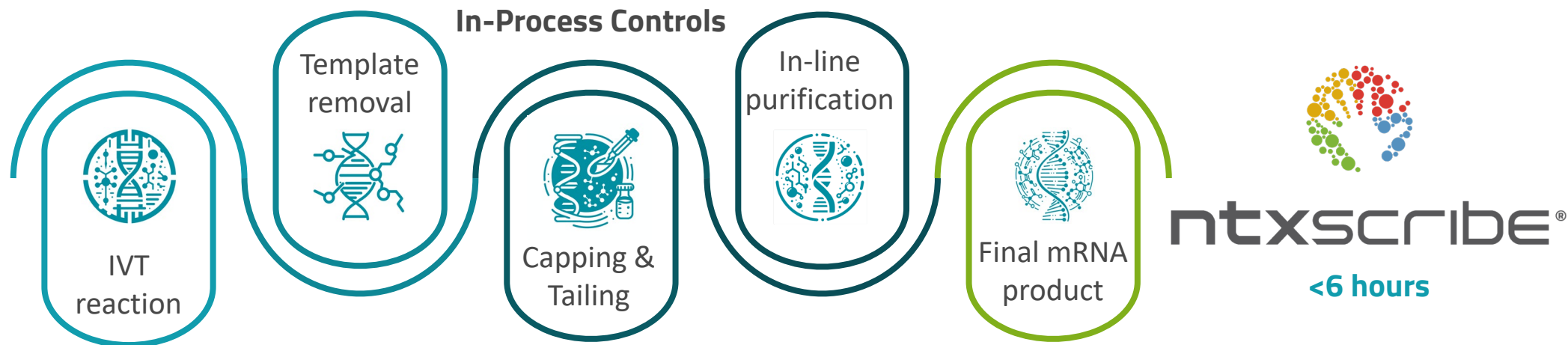
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Conventional Batch or
Liquid Handler Process
From ~24 hours to ~72 hours

Process Flexibility and Scalability

- Modular system components **scale mRNA volume production** by varying reactor size and/or processing time
- Automated in-process controls for **secure ease of use**
- Small footprint that supports **research volumes to millions of doses/day**

Next Generation Technology for Complex Therapeutics

- **Low shear process** minimizes fragmentation of large constructs
- Continuous Flow process **increases integrity and minimizes purification requirements**



Conceptual rendering

Supply Chain Robustness

- mRNA raw materials are **manufactured locally** and can be stored for preparedness
- Consumables and raw materials can be made **available from multiple vendors**

A True "Platform Process"

- **Minimal to no upfront process development** required for optimization due to pre-loaded methods
- Wide range of output from a single system **reduces effort and time** in production scaling
- **Greater purity** of products reduces effort for process development, characterization, and validation
- Continuous processing **reduces manufacturing time**