

Ntensify™ mini

The Ntensify Mini is suitable for both drug discovery and pre-clinical development.

Drug discovery: the system can accommodate up to 192 different DNA templates in parallel.

Pre-clinical: a single DNA template can be transcribed in each well and pooled after purification.



Specifications

	Produced up to 192 different RNAs for screening purposes	Per year
Input	5 µg of linear DNA	1 mg of linear DNA
Output	600 µg of naked RNAs	115 mg of naked RNAs
Batch	< 1 day	< 1 day

Ideal for clinical phase & commercial production < 7M doses/ year

Dimensions 2 m (width) x 2.4 m (height) x 0.98 m (depth) incl. LAF *
Around 1 T weight in operation*

* Assumptions (still to be confirmed)

Benefits

- Dual applications

- 1) Drug discovery
It can accommodate up to 192 different DNA templates in parallel for the production of various RNA sequences at 0.5 µg of purified output per construct
- 2) Pre-clinical
A single DNA template can be transcribed to produce over 100 mg of the same RNA which is pooled after purification

- Same process as GMP use

The process used during the R&D phase can also be used in the GMP equipment. No need of process transfers to produce GMP batches

- Plug & play for max performance

Comes with an optimal process, disposables, and the reagents pre-mixes to guarantee process performance in yield and quality

- Secured access to DNA

DNA sourcing from our DNA service for screening purposes, or directly by our Nplify™ DNA system for preclinical use

Alternatively, the system can be used with pDNA