

4D-NUCLEOFECTOR® Revolutionising Transfection

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SCIENTIFIX

LONZA

The Lonza 4D-Nucleofector system utilises the powerful and versatile Nucleofection technology to enable highly efficient and viable transfection of a broad range of cell types.

KEY BENEFITS

- Optimized Protocols:** Extensive, cell-type specific optimized protocols for comprehensive guidance, pain free application and results.
- Cell Transfection Database:** select from a vast number of optimized protocols
- High Transfection Efficiency:** Achieves significantly higher transfection rates compared to traditional methods, especially in primary cells and difficult-to-transfect cell lines.
- Excellent Cell Viability:** Optimized solutions and electrical parameters help maintain the physiological status and viability of transfected cells.
- Substrate Flexibility:** Effective for transfecting various substrates, including plasmid DNA, RNA (siRNA, mRNA), and proteins.
- Broad Cell Type Compatibility:** A wide range of cell type-specific kits and optimized protocols are available for numerous cell lines and primary cells.
- Scalability:** Offers modularity, allowing for scaling from low to high-throughput transfection.
- GMP-compliant options:** The LV Unit and TheraPEAK GMP Consumables are available for clinical research and cell therapy manufacturing.



4D-Nucleofector® 96-well Unit

Cell & Transfection Database

Getting started: Support
for your cell type

Find relevant information relating to cell types, from cells and cell cultures to transfection, literature and FAQs.



To learn more about
the 4DNucleofector®
or to book an obligation
free demo [click here](#) or
[Scan QR](#).



To explore instrument
features in more detail,
visit the [Lonza](#)
[Nucleofector®](#) page.



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1800 007 900 | lonza@scientifix.com.au | scientifix.com.au