

# 4D-NUCLEOFECTOR®

## Revolutionising Transfection

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



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



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