

Luminex® 200™ (RUO)

Flexible Multiplexing Technology WITH Multiplexing Solution for Proteins and Nucleic Acids

The Luminex® 200™, a flow-based reader, sets the standard for multiplexing with thousands of instruments sold globally. The ability to perform up to 100 different tests in a single reaction volume, and to use either magnetic beads or plain polystyrene beads makes this instrument a popular choice for laboratories needing greater flexibility. Additionally, the Luminex 200 is able to offer higher sample throughput with a 96-well plate read time of only 45 minutes.

Specifications

- **Physical Dimensions:** 43 x 50.5 x 24.5 cm (17 x 20 x 9.5 in)
- **Weight:** 25 kg (60 lbs)
- **Power Supply:** 100–200V (US) or 200–240V (EU)
- **Multiplexing:** Up to 100 biomarkers per sample (80 on MagPlex® microspheres)
- **Sensitivity:** ≤1,000 fluorochromes per xMAP® microsphere
- **Dynamic Range (Typical):** >3.5 logs
- **Read Time:** 96-well plate in ≤45 min (up to 12,800 tests/hour)
- **Daily Startup/Shutdown:** ≤30 min

Ordering Information

Product Name	Part Number
Luminex® 200™ System (RUO) Core Components Included xMAP® Sheath Fluid PLUS (RUO) (40-50021) Sheath Delivery System X-Y Platform for 96-Well Plates; Sample Probe Needle 1 L Sheath Bottle & 1.2 L Waste Bottle Desktop PC & Software Included Desktop PC with Win 10 Dell Optiplex "Small Form Factor" Dell Warranty Transfer Sample Probe Height Adjustment Kit Automated Maintenance Plate Heater Block (96-Well Plate) Documentation Dell 19" Monitor, 1917S Series with Stand Dell Keyboard & Mouse xPONENT® Software	LX200-XPON-RUO
Components Included (shipped separately)	
Luminex® 200™ Calibration Kit	LX2R-CAL-K25 (qty 1)
Luminex® 200™ Performance Verification Kit	LX2R-PVER-K25 (qty 1)
Optional	
Barcode Scanner	Optional (no charge with purchase of new system)
Luminex® 200™ IQ/OQ with Installation	VP-LX-XPON-IQOQ
Luminex® 200™ Yearly OQ	VP-LX-XPON-OQ
xMAP® Sheath Concentrate PLUS	40-50023

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For Research Use Only. Not for use in diagnostic procedures. Products are region specific and may not be approved in some countries/regions. Please contact Luminex at support@luminexcorp.com to obtain the appropriate product information for your country of residence. The Luminex 200 is a class 1 laser product.

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