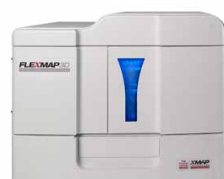


Table 1. Compare the multiplexing systems shown below to determine which Luminex system is right for your laboratory's needs.



	Luminex xMAP INTELLIFLEX DR-SE System	Luminex xMAP INTELLIFLEX System	Luminex FLEXMAP 3D Instrument System	Luminex 200 Instrument System
Applications	Protein, nucleic acid analysis	Protein, nucleic acid analysis	Protein, nucleic acid analysis	Protein, nucleic acid analysis
Cat. No.	APX2021	APX2020	APX1342	APX10031
Multiplex capacity	Up to 500 targets	Up to 500 targets	Up to 500 targets	Up to 100 targets
Read time (96-well plate)	~20 minutes	~20 minutes	~20 minutes	~40 minutes
Read time (384-well plate)	~75 minutes	~75 minutes	~75 minutes	N/A
Dynamic range	≥5.5 logarithmic units	≥5.5 logarithmic units	4.5 logarithmic units	3.5 logarithmic units
Microtiter plate	96- and 384-well	96- and 384-well	96- and 384-well	96-well
Dimensions	58.4 cm (23 in.) W 61 cm (24 in.) D 76.2 cm (30 in.) H	58.4 cm (23 in.) W 61 cm (24 in.) D 76.2 cm (30 in.) H	58.4 cm (23 in.) W 63.5 cm (25.7 in.) D 45.7 cm (18 in.) H	64 cm (25.25 in.) W 60 cm (23.5 in.) D 32.5 cm (12.5 in.) H
Touchscreen	•	•	N/A	N/A
Automated startup	•	•	N/A	N/A
Reporter laser	532 nm (green) and 405 nm (violet)	532 nm (green)	532 nm (green)	532 nm (green)
Dual reporter readout	•	N/A	N/A	N/A
Barcode reader for calibration and verification reagents	•	•	N/A	N/A

“The Luminex multiplexing platform is my go-to system as it provides rapid results that are both accurate and affordable, allowing for disease characterization, pathway detection, and biomarker discovery.”

—Douglas D. Fraser, MD, PhD, FRCPC

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