

MagPlex® Monitoring Microspheres

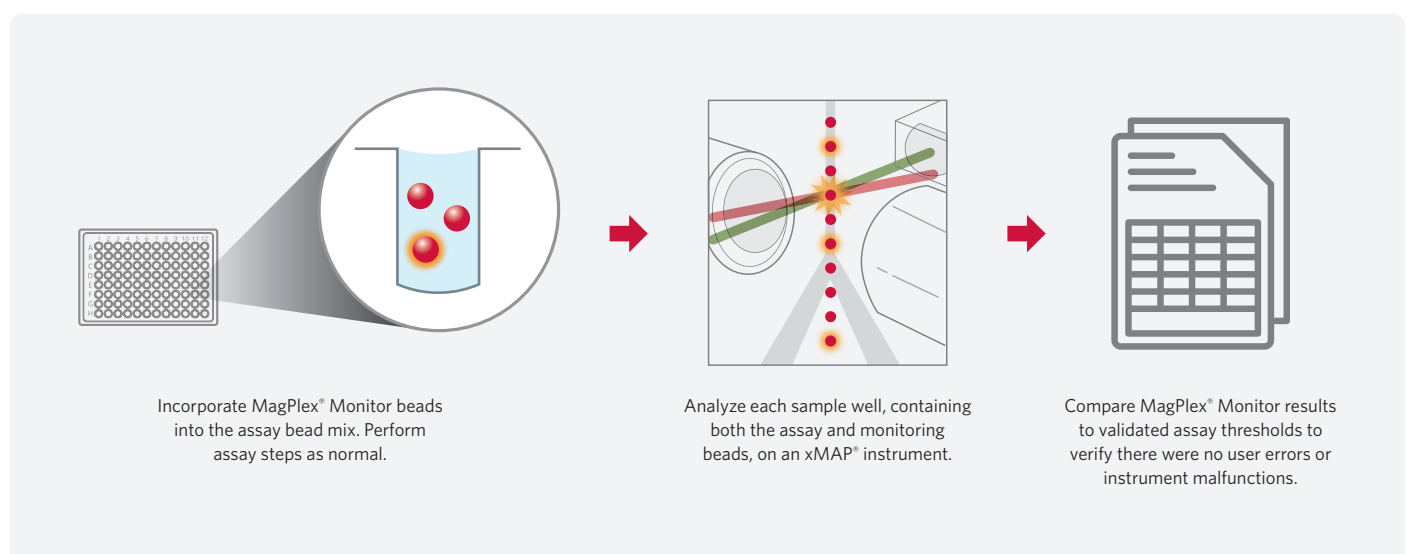
MagPlex® Monitoring Microspheres are magnetic polystyrene beads that aid in monitoring assay and instrument performance. MagPlex Monitoring Microspheres provide insight into factors impacting target median fluorescent intensity (MFI) values, including instrument fluctuations or user error.

MagPlex Monitoring Microspheres are available in two formats. MagPlex RP1 Monitor beads produce fluorescence detected in region 45 and the RP1 channel of all xMAP® instruments, and MagPlex RP2 Monitor beads produce fluorescence detected in region 222 and the RP2 channel of the xMAP® INTELLIFLEX DR-SE System.

MagPlex® Monitoring Microspheres offer:

- **Increased confidence in your results** — Monitor well-to-well assay performance for errors, ensuring each individual well has not been impacted by external factors.
- **Broad application areas** — MagPlex Monitoring Microspheres can be incorporated into various assay formats, including proteomic and genomic applications.
- **The ability to pinpoint errors quickly** — MFI values generated using MagPlex Monitoring Microspheres can eliminate instrument or user errors as a source of unexpected results.

MagPlex® Monitoring Microsphere Workflow



Performance

Product	MagPlex® RP1 Monitor	MagPlex® RP2 Monitor
Magnetic	Yes	Yes
Assigned Region	045	222
RP1 MFI Value Range	<p>MAGPIX® 2,000–3,000</p> <p>Luminex® 200™ Default PMT: 2,000–3,000 High PMT: 9,100–13,650</p> <p>FLEXMAP 3D® Standard PMT: 2,000–3,000 High PMT: 9,100–13,650</p> <p>xMAP® INTELLIFLEX Systems Luminex® 200™ Mode Low PMT: 2,000–3,000 High PMT: 9,100–13,650</p> <p>FLEXMAP 3D® Mode Low PMT: 3,400–5,100 High PMT: 15,470–23,205</p> <p>xMAP® INTELLIFLEX Mode Dual Reporter: 2,000–3,000 High Sensitivity: 260,000–390,000</p>	N/A
RP2 MFI Value Range	N/A	xMAP® INTELLIFLEX DR-SE Dual Reporter: 2,000–3,000
Instrument Compatibility	<p>MAGPIX®</p> <p>Luminex® 200™</p> <p>FLEXMAP 3D®</p> <p>xMAP® INTELLIFLEX</p> <p>xMAP® INTELLIFLEX DR-SE</p>	xMAP® INTELLIFLEX DR-SE

Ordering Information

Product Name	Volume	Concentration (microspheres/mL)	Part Number
MagPlex® RP1 Monitor	1 mL	1.25 x 10 ⁷	MRP1-045-01
MagPlex® RP2 Monitor	1 mL	1.25 x 10 ⁷	MRP2-222-01

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For Further Manufacture. 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.

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