xMAP INTELLIFLEX® Software: Streamlining Quantitative Data Analysis

xMAP INTELLIFLEX® Software provides flexible, intuitive, powerful workflows to enable the rapid acquisition of rich multiplex data. With innovative new features and two formats available for data export, the software supports easy post-acquisition analysis.

New xMAP INTELLIFLEX file format

The new xMAP INTELLIFLEX file format has been designed from the ground up for ease of use and flexible customization, making it easier than ever to focus on the data you want. With the software, you can:

- **Customize which data points are included in each file**–Export a comprehensive dataset to aid in discovery or focus on only the data points you need.
- **Easily aggregate data from multiple plates into a single file**–Export a single plate or easily aggregate thousands of wells.
- **Navigate your results with ease**–The file structure is intended for simplicity and ease of use; data acquisition from each well is presented as a single row, enabling easy and straightforward review and analysis.

xPONENT®-style file format

The xPONENT®-style format is intended for compatibility with existing xMAP® data analysis software. This format is tested for use with the following software packages, available from Luminex partners:

Partner	MilliporeSigma		Bio-Rad	Thermo Fisher Scientific		R&D Systems
Software	Belysa™	MILLIPLEX® Analyst	Bio-Plex® Manager	ProcartaPlex®	QuantiGene®	Quantist

Other xMAP data analysis software packages not listed here may be compatible with this format but have not been tested by Luminex. The xPONENT-style file format includes minor content differences on the xMAP INTELLIFLEX System compared to other xMAP platforms due to functional system differences, which may affect compatibility with your existing analysis software. To ensure full functionality, you should validate the performance of your existing xMAP data analysis software with xMAP INTELLIFLEX data.

In xMAP INTELLIFLEX Software versions 1.1 and greater, you may export a single xPONENT-style file containing data from multiple plates, provided that all acquisitions were performed under identical panel and other settings.

Exporting data in the xPONENT format with the xMAP INTELLIFLEX dual reporter function

Because xMAP INTELLIFLEX provides dual reporter data on two parameters per analyte, the xPONENT file format does not export dual reporter data in a single file. Instead, dual reporter acquisitions will produce two separate ("RP1" and "RP2") files. For more detailed information on this file type, please contact Luminex Technical Support at support@luminexcorp.com.

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To learn more, please visit luminexcorp.com/INTELLIFLEX

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