

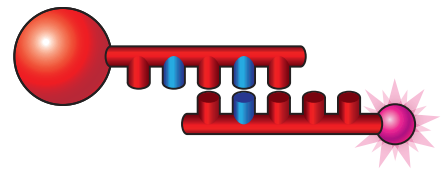
MAGPIX® Reagents : Nucleic Acid Assays the xMAP® Way

Fitting Your Every Research Lab Need with Flexible Multiplexing Solutions

MAGPIX® is based on the versatile xMAP Technology allowing you to perform all your protein and genomic assays on a single platform.

xMAP Technology provides the tools to answer the questions you have. Luminex partners have pre-built assay kits to fit your needs. Luminex also provides you the same xMAP reagents to build your own multiplex assay.

xMAP reagents all begin with the same microspheres, which are then dyed with a combination of dyes at different concentrations that MAGPIX® can detect and decipher giving you the power to multiplex up to 50 analytes with only one sample.



Direct Hybridization Assay

xMAP Reagents: Your Multiplexing Solution

- Saves precious samples
- Saves on expensive reagents
- Saves time
- Gets results quicker

The Old Way vs. The xMAP Way

Screening		Validation	
Microrrays	xMAP Assay	qPCR	xMAP Assay
1 sample/ chip	→ 96 samples/ plate	1-5 targets/ 384 samples	→ 50 targets/ 96 samples
High Cost/ Sample	→ Low Cost/ Sample	384 to 1920 tests	→ 4,800 tests
Low Throughput	→ High Throughput		

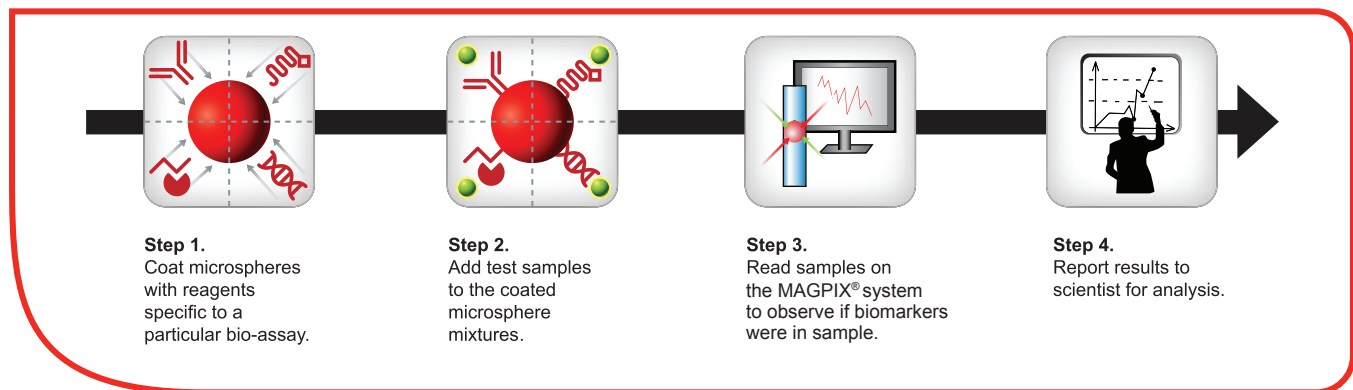
Direct Hybridization Assay

- Use MagPlex® Microspheres
- Couple small amount of oligonucleotide to different bead regions
- Multiplex assay with 1 sample per well

Solutions you can rely on

Since its incorporation in 1995, Luminex has become a global leader in multiplexing solutions. Only Luminex offers the peace of mind that comes from:

- Approximately 7,000 instruments placed worldwide
- Over 3,000 peer reviewed articles
- 57 510(k) clearances using xMAP Technology
- Over 60 strategic partners worldwide with thousands of assay applications
- 91 patents issued and 218 pending as of June 2010



To start your custom assay development today go to our website at www.luminexcorp.com.

At Support / FAQ you will find:

- Protocols
- Reagents
- Equipment

At Support / Publications you will find:

- A searchable database with over 3,000 publications with xMAP Technology

Luminex Support Services

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EMEA and India: +800.293.94.959

Email: support@luminexcorp.com

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EMEA and India: +31.162.408.333

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Training Courses

For more information or to schedule training courses, please call Luminex Services & Training Sales at:

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