

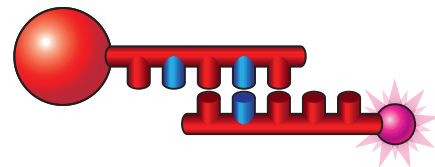
xMAP[®] Reagents-Nucleic Acid Assays the xMAP Way

Fitting Your Every Research Lab Need with Customizable and Flexible Multiplexing Solutions

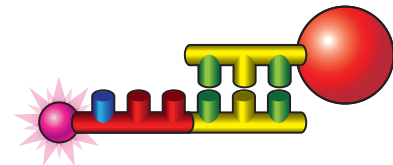
xMAP Technology is an open platform that allows you to perform all your protein and genomic assays on the FLEXMAP 3D[®] or Luminex[®] 100/200[™].

xMAP Technology provides the tools to answer the questions you have. Luminex partners have over 500 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 the FLEXMAP 3D and Luminex 100/200 can detect and decipher giving you the power to multiplex up to 500 analytes with only one sample.



Direct Hybridization Assay



xTAG[®] Assay

xMAP Reagents: Your Multiplexing Solution

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

The Old Way vs. The xMAP Way

Screening		Validation	
Microrrays	xMAP Assay	qPCR	xMAP Assay
1 sample/ chip	→ 96 or 384 samples/ plate	1-5 targets/ 384 samples	→ 500 targets/ 96 or 384 samples
High Cost/ Sample	→ Low Cost/ Sample	384 to 1920 tests	→ 192,000 tests
Low Throughput	→ High Throughput		

Direct Hybridization Assay

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

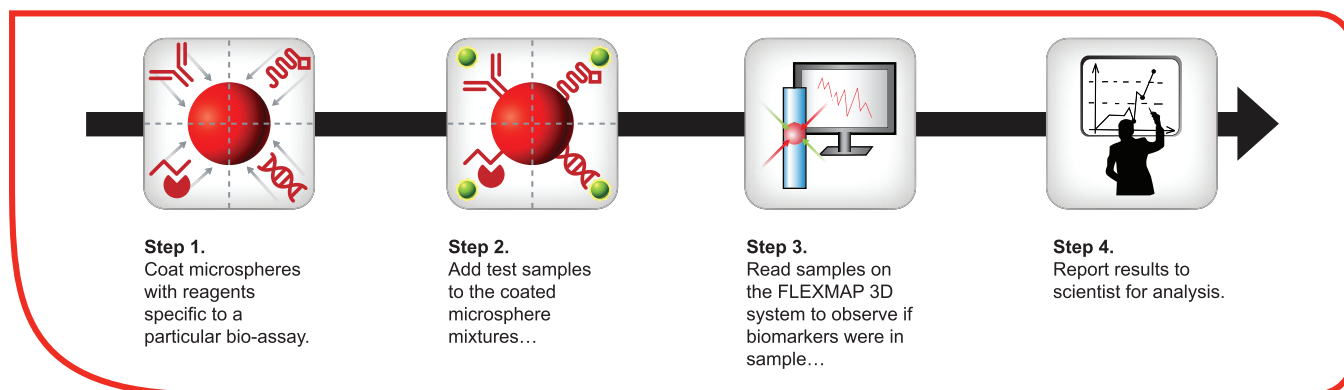
xTAG Assay

- Use xTAG[®] Microspheres
- Hybridize amplified product to unique TAG sequence on 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:

- Over 6,250 instruments placed worldwide
- Over 2,900 peer reviewed articles
- 56 510(k) clearances using xMAP technology
- Over 50 strategic partners worldwide with thousands of assay applications
- 79 patents issued and 206 pending as of June 2009



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 2,500 publications with xMAP Technology

Luminex Support Services

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Americas: +1.877.785.2323 (BEAD)
EMEA and India: +800.293.94.959

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EMEA and India: +31.162.408.333
Fax: +31.162.408.330

Training Courses

For more information or to schedule training courses, please call Luminex Services & Training Sales at: +1.512.381.4386 or +1.512.381.3259
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