

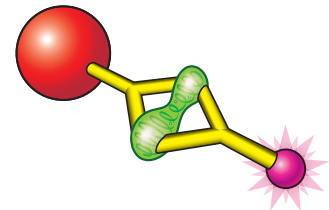
xMAP[®] Reagents: Protein Assays the xMAP Way

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

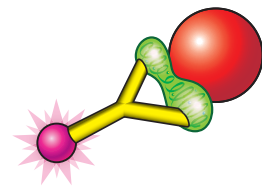
xMAP Technology is an open platform that allows you to perform all your protein and genomic assays on the FLEXMAP 3D[®] or Luminex[®] 100/200™.

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.



Capture Sandwich Assay



Serology 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

Western Blot

~10 samples/ gel → 96 or 384 samples/ plate
 1 protein/ gel → up to 500 proteins/ plate
 ~10 results/ gel → up to 192,000 results/ plate

xMAP Assay

ELISA

1 protein/ plate → up to 500 proteins/ plate
 96 samples/ plate → 96 or 384 samples/ plate
 96 results/ plate → up to 192,000 results/ plate

xMAP Assay

Capture Sandwich Assay

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

Serology Assay

- Use MagPlex, MicroPlex or SeroMAP™ Microspheres
- Couple small amount of antigens to different bead regions
- Multiplex assay with 1 sample per well

Competitive Assay

- Use MagPlex or MicroPlex microspheres
- Couple antigens or antibodies to different bead regions
- Good for small proteins & proteins with few epitopes

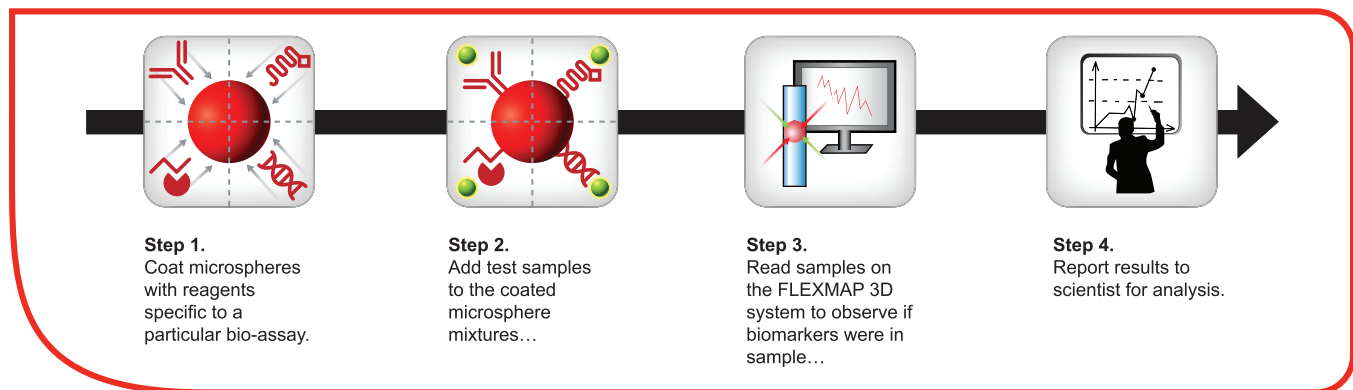
Peptide Assay

- Use MagPlex or MicroPlex microspheres with carrier protein
- Use LumAvidin[®] microspheres with biotin labeled molecules

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

Email: support@luminexcorp.com
Americas: +1.877.785.2323 (BEAD)
EMEA and India: +800.293.94.959

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 or visit online at: www.xmapuniversity.com

Ordering Information

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