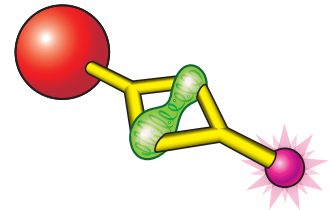


## xMAP<sup>®</sup> Antibody Coupling Kit

### Making immunoassays as simple as AbC!

Developing your own immunoassays just got a lot easier. The xMAP Antibody Coupling (AbC) Kit provides everything you need to couple the primary antibody from your traditional ELISA onto the surface of Luminex microspheres (beads).

Once your desired antibody is coupled to the surface of the bead you can begin optimizing monoplex or multiplex capture-sandwich immunoassays to suit your needs.



Capture Sandwich Assay

#### **xMAP Technology: A better way to perform immunoassays**

- Less antibody (up to 90% less antibody\*)
- Less sample
- Less labor
- Greater reproducibility
- Equal or better sensitivity and dynamic range

Additionally, with xMAP Technology, you have the ability to further increase the throughput and efficiency of your immunoassay by multiplexing. (i.e., testing one sample for multiple analytes simultaneously)

## Product Description

The xMAP Antibody Coupling Kit contains all of the reagents necessary to covalently couple antibodies to MagPlex<sup>®</sup> microspheres, in approximately three hours.

#### **Kit contents\*\*:**

- Easy to follow coupling protocol, including guidance on how to assess coupling efficiency
- Pre-optimized reagents and buffers, including EDC
- All required consumables (i.e. reaction tubes and transfer pipettes)
- This kit is configured for a one-time use and contains enough reagent to couple as many as 50x10<sup>6</sup> microspheres.

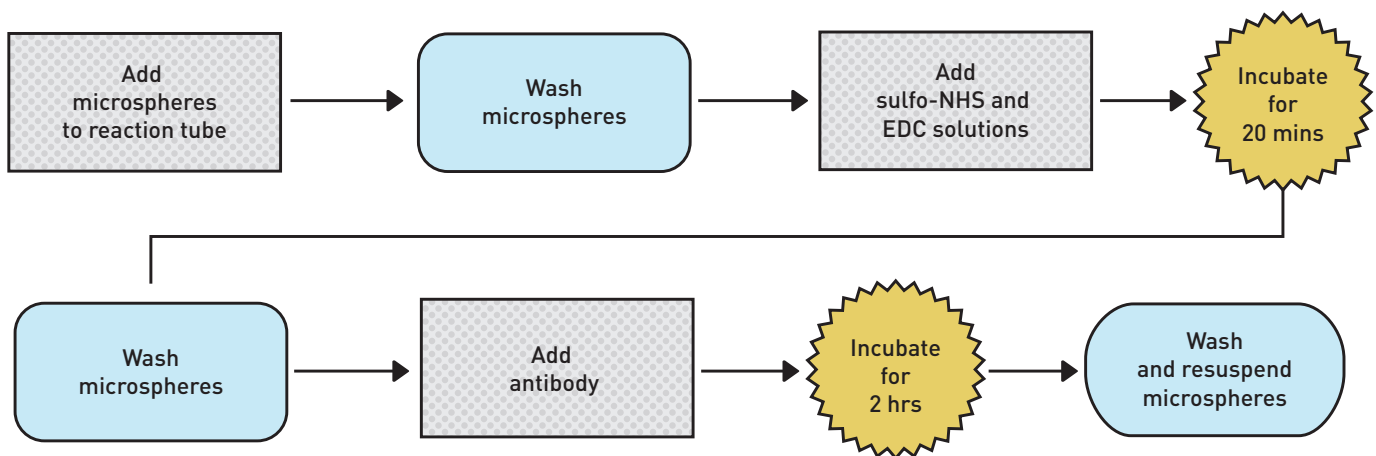
*\*For more information on how xMAP compares with ELISA, please see the "xMAP vs. ELISA White Paper" at [www.luminexcorp.com/antibodycouplingkit](http://www.luminexcorp.com/antibodycouplingkit).*

*\*\*Kit does NOT include microspheres or antibodies*

**The xMAP Antibody Coupling Kit (AbC) is ideal for:**

- Coupling optimization and assay optimization: For users developing a new assay, the kit will allow them to perform up to 10 small scale coupling reactions to test multiple concentrations of antibody with multiple bead regions.
- Small to medium scale assay manufacturing: For users who have already developed and optimized an assay, the kit will allow them to couple up to 50 million beads in as little as four reactions ( $12.5 \times 10^6$  beads/reaction), to meet their routine usage needs.

## Workflow Overview



**Catalog Number: 40-50016**

**Ordering Information**

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