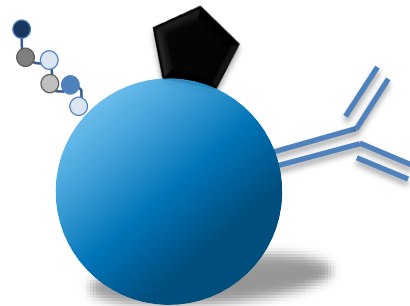


## Custom Coupling Services for MagPlex® Microspheres

- As a Luminex® partner, we offer tailored coupling of MagPlex® microspheres (“beads”) according to your needs.
- We produce your custom microspheres based on the bead identities and capture reagents of your choice.
- We functionalize your custom microspheres with your own antibodies, proteins or peptides.
- Custom modified MagPlex® microspheres can be used for:
  - High-throughput screening in antibody production or epitope mapping,
  - Vaccine or sero testing,
  - Biomarker analyses, protein-protein interaction studies etc.
- Our bead coupling process in 96-well format, together with rigid quality control, ensure that we provide you with products of high quality and reproducibility.
- Key features of our functionalized microsphere products are:
  - 10 million microspheres per 1 mL (custom size and formulation upon request),
  - All Luminex® microsphere identities,
  - Compatibility with Luminex® assays on all available xMAP instruments.



## References

- Filomena A., Beiter Y, Templin MF, Joos TO, Schneiderhan-Marra N, Poetz O. Bead-Based Peptide Arrays for Profiling the Specificity of Modification State-Specific Antibodies. *Methods Mol Biol* 2015: 1348, 251-65
- Schneiderhan-Marra N, Günther A, Filomena A, Joos TO, Sievers C, Böhm K, Vukovic P, Huang C, Jennins D, Soldo J. A Novel User Friendly Chemistry to Couple Antibodies and Challenging Proteins to Luminex MagPlex Microspheres. *Anteo Technologies*
- Rimmel S, Gierschik P, Joss TO, Schneiderhan-Marra N. Bead-based protein-protein interaction assays for the analysis of Rho GTPase signaling. *J Mol Recogn* 2010: Vol 23, Issue 6