

## Microspheres

xMAP® Technology uses color-coded microspheres (“beads”) to test for multiple targets from a single sample. Depending on the Luminex instrument, the application, and the analytes of interest, there are different bead types that can be used to produce the best results.

### xMAP® Microspheres

Application	Microsphere	Type	Regions Available	Concentrations Available (million beads/mL)	Vial Sizes Available
All Purpose	MagPlex®	Magnetic	1-500	2.5 (10 regions only) & 12.5	1 mL, 4 mL, Custom*
All Purpose	MicroPlex®	Non-Magnetic	1-100	12.5	1 mL, 4 mL, 16 mL
Nucleic Acid	MagPlex-TAG™	Magnetic	1-150**	2.5	1 mL
Protein	LumAvidin®	Non-Magnetic	1-100	2.5	1 mL
Protein	MagPlex®-Avidin Microspheres	Magnetic	1-100***	2.5	1 mL
Protein	SeroMAP™	Non-Magnetic	1-100	12.5	4 mL

\* Please see the MagPlex® Custom Volume Ordering Guidelines online or contact Luminex to inquire about custom volume options.

\*\* 70 (Group C) regions available on a build-to-order basis and may require minimum order quantities and longer lead times. Please contact Luminex to learn more before ordering.

\*\*\* 30 group A regions available off the shelf. The other 70 regions will be from groups A, B, and C and will be build-to-order. These additional regions may require minimum order quantities and longer lead times. Please contact Luminex to learn more before ordering.

**Microsphere Shelf-Life:** The shelf-life of xMAP microspheres is the length of time after manufacturing during which a microsphere should be used for coupling to a capture molecule. Once coupled, microspheres are generally stable for years. However, microsphere stability will vary depending on a variety of customer-defined factors (e.g., molecule coupled, buffer used, storage temperatures, etc.). Luminex recommends that customers verify the stability of coupled microspheres in their own lab under their own conditions.

### Other Reagents & Accessories

- **Instrument Reagents** - xMAP® instrument reagents include sheath fluid, drive fluid, and instrument calibration and verification kits.
- **Assay Development Reagents** - The first in a line of assay development reagents is the xMAP Antibody Coupling (AbC) Kit.
- **Accessories** - For MagPlex® assays, the magnetic plate separator and tube separator enable fast and easy washing of beads.
- **Reagent Lead Times** - Most reagents ship within three days of order receipt. However, there are some reagents that are built-to-order and may require longer than normal lead times. Please contact your Luminex representative to learn more.

For more information, download the xMAP cookbook at <http://info.luminexcorp.com/en-us/research/download-the-xmap-cookbook>.

# MagPlex® Microspheres



Luminex's magnetic carboxylated microspheres offer improved washing efficiency, multiplexing up to 500-plex, and are compatible with all xMAP® instruments. Similar to MicroPlex® Microspheres, MagPlex® Microspheres are carboxylated polystyrene micro-particles, or "beads," that have been dyed into spectrally distinct sets, or "regions," allowing them to be individually identified by an xMAP® instrument. These uniquely coded beads provide the user with an addressable substrate on which to perform multiple bio-analytical reactions in a single well.

All microspheres are general use components for further development of xMAP bioassays. MagPlex Microspheres are available at concentrations of 2.5 million and 12.5 million beads/mL, and can be ordered in 1 mL and 4 mL vial sizes. MagPlex Microspheres are also offered in a variety of custom volumes. Please see the MagPlex Custom Volume Ordering Guidelines online or contact Luminex to inquire about custom volume options.

## MagPlex® Microspheres Features

- Surface carboxyl groups
- Superparamagnetism
- 500 available regions
- Compatibility with all xMAP® instruments
- Multiple vial sizes available
- Multiple concentrations available

## MagPlex Microspheres Benefits

- Same reliable coupling chemistry as MicroPlex®
- 5x increased multiplex capability
- Dramatically improved washing efficiency
- Ideal for automated applications
- No need for expensive filter plates
- Available in low concentration for small scale and assay development applications

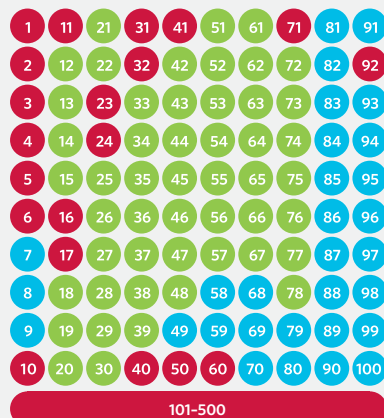
Vial Size	Concentration (millions/mL)	# of Regions Available	Part Number*
1 mL	2.5	10	MC100XX-ID
1 mL	12.5	500	MC1XXXX-01
4 mL	12.5	80	MC10XXX-04

*IMPORTANT: MagPlex Microspheres require the use of xPONENT® Software.*

*\*Refer to following page for part numbers specific to each microsphere region*

# MagPlex® Microspheres Part Numbers

## 500 MagPlex® Regions Available



Compatible with:  
**All xMAP® Instruments**  
**Luminex® 200™ & FLEXMAP 3D®**  
**FLEXMAP 3D Only**

**Shelf Life:** Microspheres within Groups A & B will ship with no less than a 6 month shelf-life. Microspheres within Group C will ship with no less than a 3 month shelf-life.

Actual shelf-life remaining on product received will vary and depend on available inventory. Luminex cannot guarantee customers will receive product with a specific shelf-life other than the minimums stated here.

Available in Low Concentration

Group A (50) All xMAP® Instruments			
Reg.	Part #	Reg.	Part #
12	MC10012-YY	45	MC10045-YY
13	MC10013-YY	46	MC10046-YY
14	MC10014-YY	47	MC10047-YY
15	MC10015-YY	48	MC10048-YY
18	MC10018-YY	51	MC10051-YY
19	MC10019-YY	52	MC10052-YY
20	MC10020-YY	53	MC10053-YY
21	MC10021-YY	54	MC10054-YY
22	MC10022-YY	55	MC10055-YY
25	MC10025-YY	56	MC10056-YY
26	MC10026-YY	57	MC10057-YY
27	MC10027-YY	61	MC10061-YY
28	MC10028-YY	62	MC10062-YY
29	MC10029-YY	63	MC10063-YY
30	MC10030-YY	64	MC10064-YY
33	MC10033-YY	65	MC10065-YY
34	MC10034-YY	66	MC10066-YY
35	MC10035-YY	67	MC10067-YY
36	MC10036-YY	72	MC10072-YY
37	MC10037-YY	73	MC10073-YY
38	MC10038-YY	74	MC10074-YY
39	MC10039-YY	75	MC10075-YY
42	MC10042-YY	76	MC10076-YY
43	MC10043-YY	77	MC10077-YY
44	MC10044-YY	78	MC10078-YY

Group B (30) Luminex® 200™ & FLEXMAP 3D®			
Reg.	Part #	Reg.	Part #
7	MC10007-YY	85	MC10085-YY
8	MC10008-YY	86	MC10086-YY
9	MC10009-YY	87	MC10087-YY
49	MC10049-YY	88	MC10088-YY
58	MC10058-YY	89	MC10089-YY
59	MC10059-YY	90	MC10090-YY
68	MC10068-YY	91	MC10091-YY
69	MC10069-YY	93	MC10093-YY
70	MC10070-YY	94	MC10094-YY
79	MC10079-YY	95	MC10095-YY
80	MC10080-YY	96	MC10096-YY
81	MC10081-YY	97	MC10097-YY
82	MC10082-YY	98	MC10098-YY
83	MC10083-YY	99	MC10099-YY
84	MC10084-YY	100	MC10100-YY

Vial Sizes: [-YY] = [-01] for 1 mL, [-04] for 4 mL, or [-ID] for 1 mL Low Concentration.

NOTE: Group C regions are only available in 1 mL vial sizes. Contact Luminex to inquire about custom fill options.

NOTE: Group C regions <100 have MC12XXX catalog numbers.

## Group C (420) FLEXMAP 3D® Only

Reg.	Part Number
1	MC12001-01
2	MC12002-01
3	MC12003-01
4	MC12004-01
5	MC12005-01
6	MC12006-01
10	MC12010-01
11	MC12011-01
16	MC12016-01
17	MC12017-01
23	MC12023-01
24	MC12024-01
31	MC12031-01
32	MC12032-01
40	MC12040-01
41	MC12041-01
50	MC12050-01
60	MC12060-01
71	MC12071-01
92	MC12092-01
101+	MC10XXX-01

[XXX] = region # >100

# MagPlex-TAG™ Microspheres



MagPlex-TAG™ Microspheres are oligonucleotide-coupled polystyrene micro-particles, or “beads,” that have been dyed into spectrally distinct sets, or “regions,” allowing them to be individually identified by an xMAP® instrument.

Each one of these uniquely color-coded beads has a unique 24 base DNA sequence, called an “anti-TAG,” covalently coupled to its surface. These beads enable the user to quickly and easily design custom bead arrays simply by adding a complementary “TAG” sequence to the primer products or probes in their assay and hybridizing those TAGs to the anti-TAG sequence on the corresponding microsphere.

For a complete list of the TAG and anti-TAG sequences for each of the 150 available microspheres, visit [luminoxcorp.com/magplex-tag-microspheres/](http://luminoxcorp.com/magplex-tag-microspheres/).

The MagPlex-MixTAG80 product is a mixture of 80 (Group A & B) MagPlex-TAG Microsphere regions. This product is intended to facilitate the development of nucleic acid arrays with 80 or less targets. As each microsphere only reacts to nucleotides strands containing their specific complementary TAG sequence, unused regions in assays of less than 80 targets will not be detected by the instrument and not included in the resulting data set.

The MagPlex-MixTAG80 product is intended for Luminex® 200™ and FLEXMAP 3D® instruments running xPONENT® Software only. Although the microsphere mixture can be used with the MAGPIX® instrument, MAGPIX will only detect 50 of the 80 regions in the mixture.

## MagPlex-TAG™ Microspheres Features

- 150 unique 24-mer surface anti-TAG DNA sequences
- 150 regions available (each with unique anti-TAG)\*
- Compatible with all xMAP instruments
- 1 mL vial size
- 2.5 million beads/mL concentration

## MagPlex-TAG Microspheres Benefits

- Eliminate the need to couple oligonucleotides to beads
- Proven xTAG® technology
- Increased multiplex capability
- Improved washing efficiency
- Ideal for automated applications
- No need for expensive filter plates
- Convenient 2.5 million bead/mL concentration for improved handling

Vial Size	Concentration (millions/mL)	# of Regions Available	Part Number*
1 mL	2.5	150	MTAG-XXXX
2 mL	2.5 (per region)	80 (mixed)	MTAG-MIX80-02

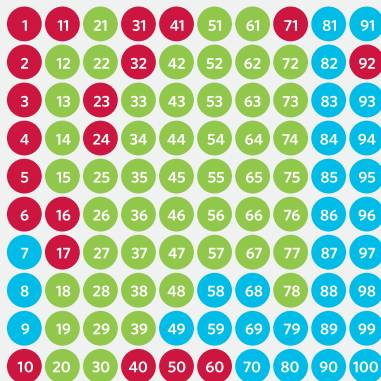
**IMPORTANT:** MagPlex-TAG Microspheres require the use of xPONENT Software.

\*Refer to following page for part numbers specific to each microsphere region

\*MagPlex-TAG Group C regions are built-to-order. Please contact your Luminex representative to inquire about minimum order requirements and lead times for these regions.

# MagPlex-TAG™ Microspheres Part Numbers

150 MagPlex-TAG™ Regions Available\*



Compatible with:  
**All xMAP® Instruments**  
**Luminex® 200™ & FLEXMAP 3D®**  
**FLEXMAP 3D Only**

\*Contact Luminex if additional regions are required

**Shelf Life:** Microspheres within Groups A & B will ship with no less than a 6 month shelf-life. Microspheres within Group C will ship with no less than a 3 month shelf-life.

Actual shelf-life remaining on product received will vary and depend on available inventory. Luminex cannot guarantee customers will receive product with a specific shelf-life other than the minimums stated here.

## Group A (50)

All xMAP® Instruments

Reg.	Part #	Reg.	Part #
12	MTAG-A012	45	MTAG-A045
13	MTAG-A013	46	MTAG-A046
14	MTAG-A014	47	MTAG-A047
15	MTAG-A015	48	MTAG-A048
18	MTAG-A018	51	MTAG-A051
19	MTAG-A019	52	MTAG-A052
20	MTAG-A020	53	MTAG-A053
21	MTAG-A021	54	MTAG-A054
22	MTAG-A022	55	MTAG-A055
25	MTAG-A025	56	MTAG-A056
26	MTAG-A026	57	MTAG-A057
27	MTAG-A027	61	MTAG-A061
28	MTAG-A028	62	MTAG-A062
29	MTAG-A029	63	MTAG-A063
30	MTAG-A030	64	MTAG-A064
33	MTAG-A033	65	MTAG-A065
34	MTAG-A034	66	MTAG-A066
35	MTAG-A035	67	MTAG-A067
36	MTAG-A036	72	MTAG-A072
37	MTAG-A037	73	MTAG-A073
38	MTAG-A038	74	MTAG-A074
39	MTAG-A039	75	MTAG-A075
42	MTAG-A042	76	MTAG-A076
43	MTAG-A043	77	MTAG-A077
44	MTAG-A044	78	MTAG-A078

## Group B (30)

Luminex® 200™ & FLEXMAP 3D®

Reg.	Part #	Reg.	Part #
7	MTAG-B007	85	MTAG-B085
8	MTAG-B008	86	MTAG-B086
9	MTAG-B009	87	MTAG-B087
49	MTAG-B049	88	MTAG-B088
58	MTAG-B058	89	MTAG-B089
59	MTAG-B059	90	MTAG-B090
68	MTAG-B068	91	MTAG-B091
69	MTAG-B069	93	MTAG-B093
70	MTAG-B070	94	MTAG-B094
79	MTAG-B079	95	MTAG-B095
80	MTAG-B080	96	MTAG-B096
81	MTAG-B081	97	MTAG-B097
82	MTAG-B082	98	MTAG-B098
83	MTAG-B083	99	MTAG-B099
84	MTAG-B084	100	MTAG-B100

Available in 1 mL vial sizes only.

Contact Luminex to inquire about custom fill options.

Refer to product webpage at [www.luminexcorp.com](http://www.luminexcorp.com) for the anti-TAG sequences of each region.

## Group C (70)\*

FLEXMAP 3D® Only

Reg.	Part Number
1	MTAG-C001
2	MTAG-C002
3	MTAG-C003
4	MTAG-C004
5	MTAG-C005
6	MTAG-C006
10	MTAG-C010
11	MTAG-C011
16	MTAG-C016
17	MTAG-C017
23	MTAG-C023
24	MTAG-C024
31	MTAG-C031
32	MTAG-C032
40	MTAG-C040
41	MTAG-C041
50	MTAG-C050
60	MTAG-C060
71	MTAG-C071
92	MTAG-C092
101+	MTAG-CXXX

[XXX] = region # >100

\*MagPlex-TAG™ Group C regions are built-to-order. Please contact your Luminex representative to inquire about minimum order requirements and lead times for these regions.

# MicroPlex® Microspheres



MicroPlex® Microspheres are carboxylated polystyrene micro-particles that have been color coded into 100 spectrally distinct sets or “regions.”

Each of these bead regions can be quickly distinguished by an xMAP instrument, allowing for the interrogation of up to 100 different analytes, simultaneously from one single sample volume.

All microspheres are general use components for further manufacture of xMAP bioassays. MicroPlex Microspheres are available at a concentration of 12.5 million beads/mL and can be ordered in 1 mL, 4 mL, and 16 mL vial sizes. Please contact Luminex to inquire about custom volume options.

## MicroPlex® Microspheres Features

- Surface carboxyl groups
- 100 regions available
- Compatible with Luminex® 200™ and FLEXMAP 3D®
- Multiple vial sizes available
- Available at 12.5 million beads/mL concentration

## MicroPlex Microspheres Benefits

- Proven reliability
- Suitable for both protein and nucleic acid applications
- Convenient vial sizes for all scales of work

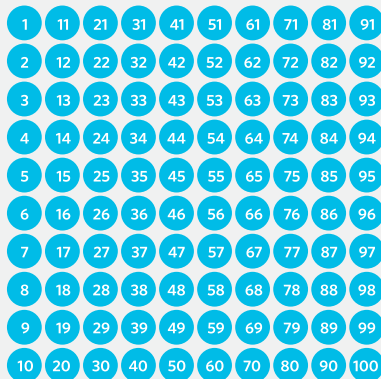
Vial Size	Concentration (million/mL)	# of Regions Available	Part Number*
1 mL	12.5	100	LC10XXX-01
4 mL	12.5	100	LC10XXX-04
16 mL	12.5	100	LC10XXX-16

*IMPORTANT: MicroPlex Microspheres are not compatible with the MAGPIX instrument.*

*\*Refer to following page for part numbers specific to each microsphere region*

# MicroPlex® Microspheres Part Numbers

## 100 MicroPlex® Regions Available



Compatible with:  
**Luminex® 200™ & FLEXMAP 3D®**

**Shelf Life:** All MicroPlex® microspheres will ship with no less than a 6 month shelf-life.

Actual shelf-life remaining on product received will vary and depend on available inventory. Luminex cannot guarantee customers will receive product with a specific shelf-life other than the minimums stated here.

Reg.	Part Number
1	LC10001-YY
2	LC10002-YY
3	LC10003-YY
4	LC10004-YY
5	LC10005-YY
6	LC10006-YY
7	LC10007-YY
8	LC10008-YY
9	LC10009-YY
10	LC10010-YY
11	LC10011-YY
12	LC10012-YY
13	LC10013-YY
14	LC10014-YY
15	LC10015-YY
16	LC10016-YY
17	LC10017-YY
18	LC10018-YY
19	LC10019-YY
20	LC10020-YY
21	LC10021-YY

Reg.	Part Number
22	LC10022-YY
23	LC10023-YY
24	LC10024-YY
25	LC10025-YY
26	LC10026-YY
27	LC10027-YY
28	LC10028-YY
29	LC10029-YY
30	LC10030-YY
31	LC10031-YY
32	LC10032-YY
33	LC10033-YY
34	LC10034-YY
35	LC10035-YY
36	LC10036-YY
37	LC10037-YY
38	LC10038-YY
39	LC10039-YY
40	LC10040-YY
41	LC10041-YY
42	LC10042-YY

Reg.	Part Number
43	LC10043-YY
44	LC10044-YY
45	LC10045-YY
46	LC10046-YY
47	LC10047-YY
48	LC10048-YY
49	LC10049-YY
50	LC10050-YY
51	LC10051-YY
52	LC10052-YY
53	LC10053-YY
54	LC10054-YY
55	LC10055-YY
56	LC10056-YY
57	LC10057-YY
58	LC10058-YY
59	LC10059-YY
60	LC10060-YY
61	LC10061-YY
62	LC10062-YY
63	LC10063-YY

Reg.	Part Number
64	LC10064-YY
65	LC10065-YY
66	LC10066-YY
67	LC10067-YY
68	LC10068-YY
69	LC10069-YY
70	LC10070-YY
71	LC10071-YY
72	LC10072-YY
73	LC10073-YY
74	LC10074-YY
75	LC10075-YY
76	LC10076-YY
77	LC10077-YY
78	LC10078-YY
79	LC10079-YY
80	LC10080-YY
81	LC10081-YY
82	LC10082-YY
83	LC10083-YY
84	LC10084-YY

Reg.	Part Number
85	LC10085-YY
86	LC10086-YY
87	LC10087-YY
88	LC10088-YY
89	LC10089-YY
90	LC10090-YY
91	LC10091-YY
92	LC10092-YY
93	LC10093-YY
94	LC10094-YY
95	LC10095-YY
96	LC10096-YY
97	LC10097-YY
98	LC10098-YY
99	LC10099-YY
100	LC10100-YY

### Vial Sizes:

[-YY] = [-01] for 1 mL;  
 [-04] for 4 mL; or  
 [-16] for 16 mL

# LumAvidin<sup>®</sup> Microspheres



LumAvidin<sup>®</sup> Microspheres are avidin-coupled polystyrene micro-particles that have been color-coded into 100 spectrally distinct sets, or “regions.” Similar to an avidin-coated ELISA plate, when reacted with a biotinylated ligand such as a peptide, each of these beads can be used as the substrate on which an assay can be performed. Because each of the beads is uniquely color-coded, they can be quickly distinguished by an xMAP<sup>®</sup> instrument, allowing for the interrogation of up to 100 different analytes simultaneously from one single sample volume.

All microspheres are general use components for further manufacture of xMAP bioassays. LumAvidin Microspheres are available at a concentration of 2.5 million beads/mL and can be ordered in 1 mL vial sizes. Custom vial sizes are available for LumAvidin Microspheres. Please contact Luminex to inquire about custom vial sizes.

## LumAvidin<sup>®</sup> Microspheres Features

- Avidin protein-coated surface
- 100 regions available
- Compatible with Luminex<sup>®</sup> 200™ and FLEXMAP 3D<sup>®</sup>
- 1 mL vial size
- 2.5 million bead/mL concentration

## LumAvidin Microspheres Benefits

- Near-covalent biotin-binding chemistry
- Ideal for coupling small molecules, like biotinylated peptides
- Suitable for protein and immunogenicity applications
- Eliminate the need to couple avidin to beads

Vial Size	Concentration (millions/mL)	# of Regions Available	Part Number*
1 mL	2.5	100	L100-LXXX-01

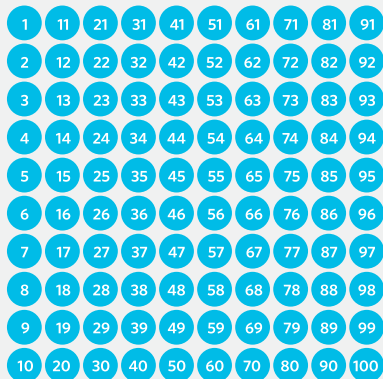
*IMPORTANT: LumAvidin Microspheres are not compatible with the MAGPIX instrument.*

*\*Refer to following page for part numbers specific to each microsphere region*



# LumAvidin® Microspheres Part Numbers

## 100 LumAvidin® Regions Available



Compatible with:  
Luminex® 200™ & FLEXMAP 3D®

**Shelf Life:** All LumAvidin® microspheres will ship with no less than a 3 month shelf-life.

Actual shelf-life remaining on product received will vary and depend on available inventory. Luminex cannot guarantee customers will receive product with a specific shelf-life other than the minimums stated here.

Reg.	Part Number	Reg.	Part Number	Reg.	Part Number	Reg.	Part Number	Reg.	Part Number
1	L100-L101-01	22	L100-L122-01	43	L100-L143-01	64	L100-L164-01	85	L100-L185-01
2	L100-L102-01	23	L100-L123-01	44	L100-L144-01	65	L100-L165-01	86	L100-L186-01
3	L100-L103-01	24	L100-L124-01	45	L100-L145-01	66	L100-L166-01	87	L100-L187-01
4	L100-L104-01	25	L100-L125-01	46	L100-L146-01	67	L100-L167-01	88	L100-L188-01
5	L100-L105-01	26	L100-L126-01	47	L100-L147-01	68	L100-L168-01	89	L100-L189-01
6	L100-L106-01	27	L100-L127-01	48	L100-L148-01	69	L100-L169-01	90	L100-L190-01
7	L100-L107-01	28	L100-L128-01	49	L100-L149-01	70	L100-L170-01	91	L100-L191-01
8	L100-L108-01	29	L100-L129-01	50	L100-L150-01	71	L100-L171-01	92	L100-L192-01
9	L100-L109-01	30	L100-L130-01	51	L100-L151-01	72	L100-L172-01	93	L100-L193-01
10	L100-L110-01	31	L100-L131-01	52	L100-L152-01	73	L100-L173-01	94	L100-L194-01
11	L100-L111-01	32	L100-L132-01	53	L100-L153-01	74	L100-L174-01	95	L100-L195-01
12	L100-L112-01	33	L100-L133-01	54	L100-L154-01	75	L100-L175-01	96	L100-L196-01
13	L100-L113-01	34	L100-L134-01	55	L100-L155-01	76	L100-L176-01	97	L100-L197-01
14	L100-L114-01	35	L100-L135-01	56	L100-L156-01	77	L100-L177-01	98	L100-L198-01
15	L100-L115-01	36	L100-L136-01	57	L100-L157-01	78	L100-L178-01	99	L100-L199-01
16	L100-L116-01	37	L100-L137-01	58	L100-L158-01	79	L100-L179-01	100	L100-L200-01
17	L100-L117-01	38	L100-L138-01	59	L100-L159-01	80	L100-L180-01		
18	L100-L118-01	39	L100-L139-01	60	L100-L160-01	81	L100-L181-01		
19	L100-L119-01	40	L100-L140-01	61	L100-L161-01	82	L100-L182-01		
20	L100-L120-01	41	L100-L141-01	62	L100-L162-01	83	L100-L183-01		
21	L100-L121-01	42	L100-L142-01	63	L100-L163-01	84	L100-L184-01		

Only available in 1 mL vial sizes.

Contact Luminex to inquire about custom fill options and lead times.

# MagPlex®-Avidin Microspheres



MagPlex®-Avidin Microspheres are avidin-coupled magnetic micro-particles that have been color-coded into 100 spectrally distinct sets or “regions.” Similar to an avidin-coated ELISA plate, when reacted with a biotinylated ligand such as a peptide, each of these beads can be used as the substrate on which an assay can be performed. Because each of the beads is uniquely color-coded, they can be quickly distinguished by an xMAP® instrument, allowing for the interrogation of up to 100 different analytes simultaneously from one single sample volume.

All microspheres are general use components for further manufacture of xMAP bioassays. MagPlex-Avidin Microspheres are available at a concentration of 2.5 million beads/mL and can be ordered in 1 mL vial sizes. Please contact Luminex to inquire about custom options.

## MagPlex®-Avidin Microspheres Features

- Avidin protein-coated surface
- 100 regions available
- Compatible with all xMAP instruments
- 1 mL vial size
- 2.5 million bead/mL concentration

## MagPlex-Avidin Microspheres Benefits

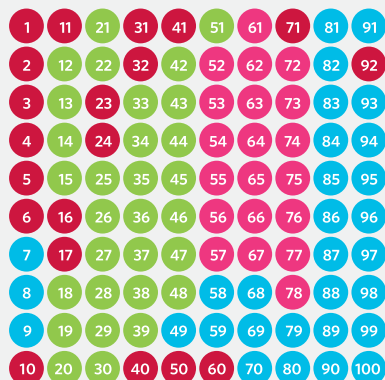
- Near-covalent biotin-binding chemistry
- Ideal for coupling small molecules, like biotinylated peptides
- Suitable for protein and immunogenicity applications
- Convenient concentration for improved handling
- Superparamagnetic
- Improved washing efficiency
- No need for expensive filter plates

Vial Size	Concentration (millions/mL)	# of Regions Available	Part Number*
1 mL	2.5	100	MA-AXXX-01 MA-BXXX-01 MA-CXXX-01

\*Refer to following page for part numbers specific to each microsphere region

# MagPlex®-Avidin Microspheres Part Numbers

## 100 MagPlex®-Avidin Regions Available



Compatible with:

All xMAP® Instruments  
 All xMAP® Instruments  
 Luminex® 200™ & FLEXMAP 3D®  
 FLEXMAP 3D Only

**Shelf Life:** All MagPlex®-Avidin microspheres will ship with no less than a 3 month shelf-life.

Actual shelf-life remaining on product received will vary and depend on available inventory. Luminex cannot guarantee customers will receive product with a specific shelf-life other than the minimums stated here.

### Group A (30) All xMAP® Instruments Immediate Ordering

Reg.	Part #
12	MA-A012-01
13	MA-A013-01
14	MA-A014-01
15	MA-A015-01
18	MA-A018-01
19	MA-A019-01
20	MA-A020-01
21	MA-A021-01
22	MA-A022-01
25	MA-A025-01
26	MA-A026-01
27	MA-A027-01
28	MA-A028-01
29	MA-A029-01
30	MA-A030-01
33	MA-A033-01
34	MA-A034-01
35	MA-A035-01
36	MA-A036-01
37	MA-A037-01
38	MA-A038-01
39	MA-A039-01
42	MA-A042-01
43	MA-A043-01
44	MA-A044-01
45	MA-A045-01
46	MA-A046-01
47	MA-A047-01
48	MA-A048-01
51	MA-A051-01

### Group A (20)\* All xMAP® Instruments Built-to-Order Only

Reg.	Part #
52	MA-A052-01
53	MA-A053-01
54	MA-A054-01
55	MA-A055-01
56	MA-A056-01
57	MA-A057-01
61	MA-A061-01
62	MA-A062-01
63	MA-A063-01
64	MA-A064-01
65	MA-A065-01
66	MA-A066-01
67	MA-A067-01
72	MA-A072-01
73	MA-A073-01
74	MA-A074-01
75	MA-A075-01
76	MA-A076-01
77	MA-A077-01
78	MA-A078-01

### Group B (30)\* Luminex® 200™ & FLEXMAP 3D® Built-to-Order Only

Reg.	Part #	Reg.	Part #
7	MA-B007-01	85	MA-B085-01
8	MA-B008-01	86	MA-B086-01
9	MA-B009-01	87	MA-B087-01
49	MA-B049-01	88	MA-B088-01
58	MA-B058-01	89	MA-B089-01
59	MA-B059-01	90	MA-B090-01
68	MA-B068-01	91	MA-B091-01
69	MA-B069-01	93	MA-B093-01
70	MA-B070-01	94	MA-B094-01
79	MA-B079-01	95	MA-B095-01
80	MA-B080-01	96	MA-B096-01
81	MA-B081-01	97	MA-B097-01
82	MA-B082-01	98	MA-B098-01
83	MA-B083-01	99	MA-B099-01
84	MA-B084-01	100	MA-B100-01

### Group C (30)\* FLEXMAP 3D® Only Built-to-Order Only

Reg.	Part Number
1	MA-C001-01
2	MA-C002-01
3	MA-C003-01
4	MA-C004-01
5	MA-C005-01
6	MA-C006-01
10	MA-C010-01
11	MA-C011-01
16	MA-C016-01
17	MA-C017-01
23	MA-C023-01
24	MA-C024-01
31	MA-C031-01
32	MA-C032-01
40	MA-C040-01
41	MA-C041-01
50	MA-C050-01
60	MA-C060-01
71	MA-C071-01
92	MA-C092-01

Only available in 1 mL vial sizes.

\*Please contact your Luminex representative to inquire about minimum order requirements and lead times for built-to-order regions.

# SeroMAP™ Microspheres



SeroMAP™ Microspheres are a special formulation of MicroPlex® Microspheres which have been optimized to reduce non-specific binding in serology assays. These beads are carboxylated polystyrene micro-particles that have been color-coded into 100 spectrally distinct sets, or “regions.” Each of these regions can be quickly distinguished by an xMAP® instrument, allowing for the interrogation of up to 100 different analytes simultaneously from one single sample volume.

All microspheres are general use components for further manufacture of xMAP bioassays. SeroMAP Microspheres are available at a concentration of 12.5 million beads/mL and are only available in a 4 mL vial size. Please contact Luminex to inquire about custom vial sizes.

## SeroMAP™ Microspheres Features

- Specifically designed for protein-based serological applications
- 100 regions available
- Compatible with Luminex® 200™ and FLEXMAP 3D®
- 4 mL vial size only
- 12.5 million bead/mL concentration

## SeroMAP Microspheres Benefits

- Same low price as MicroPlex Microspheres
- Lower non-specific binding
- Ideal for serology assay applications

Vial Size	Concentration (millions/mL)	# of Regions Available	Part Number*
4 mL	12.5	100	L100-SXXX-04

*IMPORTANT: SeroMAP Microspheres are not compatible with the MAGPIX instrument.*

*\*Refer to following page for part numbers specific to each microsphere region*

# SeroMAP™ Microspheres Part Numbers

## 100 SeroMAP™ Regions Available

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

Compatible with:  
Luminex® 200™ & FLEXMAP 3D®

**Shelf Life:** All SeroMAP™ microspheres will ship with no less than a 6 month shelf-life.

Actual shelf-life remaining on product received will vary and depend on available inventory. Luminex cannot guarantee customers will receive product with a specific shelf-life other than the minimums stated here.

Reg.	Part Number	Reg.	Part Number	Reg.	Part Number	Reg.	Part Number	Reg.	Part Number
1	L100-S001-04	22	L100-S022-04	43	L100-S043-04	64	L100-S064-04	85	L100-S085-04
2	L100-S002-04	23	L100-S023-04	44	L100-S044-04	65	L100-S065-04	86	L100-S086-04
3	L100-S003-04	24	L100-S024-04	45	L100-S045-04	66	L100-S066-04	87	L100-S087-04
4	L100-S004-04	25	L100-S025-04	46	L100-S046-04	67	L100-S067-04	88	L100-S088-04
5	L100-S005-04	26	L100-S026-04	47	L100-S047-04	68	L100-S068-04	89	L100-S089-04
6	L100-S006-04	27	L100-S027-04	48	L100-S048-04	69	L100-S069-04	90	L100-S090-04
7	L100-S007-04	28	L100-S028-04	49	L100-S049-04	70	L100-S070-04	91	L100-S091-04
8	L100-S008-04	29	L100-S029-04	50	L100-S050-04	71	L100-S071-04	92	L100-S092-04
9	L100-S009-04	30	L100-S030-04	51	L100-S051-04	72	L100-S072-04	93	L100-S093-04
10	L100-S010-04	31	L100-S031-04	52	L100-S052-04	73	L100-S073-04	94	L100-S094-04
11	L100-S011-04	32	L100-S032-04	53	L100-S053-04	74	L100-S074-04	95	L100-S095-04
12	L100-S012-04	33	L100-S033-04	54	L100-S054-04	75	L100-S075-04	96	L100-S096-04
13	L100-S013-04	34	L100-S034-04	55	L100-S055-04	76	L100-S076-04	97	L100-S097-04
14	L100-S014-04	35	L100-S035-04	56	L100-S056-04	77	L100-S077-04	98	L100-S098-04
15	L100-S015-04	36	L100-S036-04	57	L100-S057-04	78	L100-S078-04	99	L100-S099-04
16	L100-S016-04	37	L100-S037-04	58	L100-S058-04	79	L100-S079-04	100	L100-S100-04
17	L100-S017-04	38	L100-S038-04	59	L100-S059-04	80	L100-S080-04		
18	L100-S018-04	39	L100-S039-04	60	L100-S060-04	81	L100-S081-04		
19	L100-S019-04	40	L100-S040-04	61	L100-S061-04	82	L100-S082-04		
20	L100-S020-04	41	L100-S041-04	62	L100-S062-04	83	L100-S083-04		
21	L100-S021-04	42	L100-S042-04	63	L100-S063-04	84	L100-S084-04		

Only available in 4 mL vial sizes.

Contact Luminex to inquire about custom fill options and lead times.

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