

Product Description

The MagPlex® Microsphere regions are offered at the standard concentration of 1.25×10^7 /mL on a build-to-order basis in custom volume increments of 1mL ranging from 20 to 985 mL to more efficiently accommodate large volume demand.

Ordering Guidelines

The available range of volume sizes are restricted to 6 bottle sizes for Groups A and B and 3 bottle sizes for Group C with allowable fill ranges to choose from, reference Table 1.

Table 1

MagPlex Custom Volume Order Numbers	MagPlex Regions offered (XXX)	Bottle Size (mL)	# of Bottles		Available Custom Volume Ranges (mL/bottle)
			Limit per Lot @ MIN vol	Limit per Lot @ MAX vol	
MC10XXX-C30	Group A & B MagPlex Regions	30	7	7	20-30
MC10XXX-C60		60	7	7	31-60
MC10XXX-C125		125	7	7	61-125
MC10XXX-C250		250	6	4	126-250
MC10XXX-C500		500	3	2	251-500
MC10XXX-C1000		1000	1	1	501-985
MC1xXXX-C30	Group C MagPlex Regions	30	7	4	20-30
MC1xXXX-C60		60	6	3	31-60
MC1xXXX-C125		125	3	1	61-125

XXX = 3 digit region number, x= 0 or 2

- Order by the Region & Bottle size specific order number and state the custom volume for each bottle size and the quantity requested. Refer to Order example below.
- Minimum Order volume = 20 mL/region for Groups A, B, & C
- Maximum volume per dyed lot = 985 mL/region for Groups A & B, 200 mL/region for Group C. Volumes larger than maximum can be ordered but are produced from more than one dyed lot.
- There is a Max limit to the number of bottles allowed per each lot packaged in same size bottle. Reference Table 1.
- MagPlex Custom Volumes are priced per UOM "mL" according to contracted price.
- All orders are packaged in standardized round, amber, HDPE, wide mouth bottles according to the order numbers above.
- Build-to-order lead time: Group A & B, Estimated 2-4 weeks; Group C, Estimated 6-8 weeks. Lead time may vary depending on the total order line items.
- Note: There is no planned overage to the custom fill. All volumes should be -2% to +5% of the order volume.

Order example: Customer would like 370 mL of the same dyed lot of Region 054. This could be ordered in a number of different configurations. Note: Lot numbers are assigned per bottle size part number **and** volume requested. A single region ordered with multiples of the same bottle size will be processed under a single lot number (**Examples B, C**). If requesting a single region of same dyed lot to be configured into more than one bottle size, the single region will have different lot numbers per bottle size (**Example D**).

Order Configurations

Example	Order information on P.O. (Should also include Prod. Descriptions)			Ordered Volumes filled as indicated per P.O.	
	Line Item	Order #	Qty (mL)	Fill Vol (mL)	Lot #
A	1	MC10054-C500	370	370	B12345
	or				
B	1	MC10054-C250	185	185	B12345

	2	MC10054-C250	185	185	B12345
	or				
C	1	MC10054-C125	123	123	B12345
	2	MC10054-C125	123	123	B12345
	3	MC10054-C125	124	124	B12356
	or				
D	1	MC10054-C 500	270	270	B12345
	2	MC10054-C 125	100	100	B12356

Ordering Information

Order Number	MagPlex Regions offered (XXX)	Luminex Product Descriptions
MC10XXX-C30 MC10XXX-C60 MC10XXX-C125 MC10XXX-C250 MC10XXX-C500 MC10XXX-C1000	Group A & B MagPlex Regions	MagPlex Microsphere, Region XXX, 30mL btl, 20 - 30mL MagPlex Microsphere, Region XXX, 60mL btl, 31 - 60mL MagPlex Microsphere, Region XXX, 125mL btl, 61 - 125mL MagPlex Microsphere, Region XXX, 250mL btl, 126 - 250mL MagPlex Microsphere, Region XXX, 500mL btl, 251 - 500mL MagPlex Microsphere, Region XXX, 1000mL btl, 501 - 985mL
MC1xXXX-C30 MC1xXXX-C60 MC1xXXX-C125	Group C MagPlex Regions	MagPlex Microsphere, Region XXX, 30mL btl, 20 - 30mL MagPlex Microsphere, Region XXX, 60mL btl, 31 - 60mL MagPlex Microsphere, Region XXX, 125mL btl, 61 - 125mL

XXX = 3 digit region number, x = 0 or 2

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

Group B (30) LX100/200 & FLEXMAP 3D			
Reg.	Part #	Reg.	Part #
7	MC10007-	85	MC10085-
8	MC10008-	86	MC10086-
9	MC10009-	87	MC10087-
49	MC10049-	88	MC10088-
58	MC10058-	89	MC10089-
59	MC10059-	90	MC10090-
68	MC10068-	91	MC10091-
69	MC10069-	93	MC10093-
70	MC10070-	94	MC10094-
79	MC10079-	95	MC10095-
80	MC10080-	96	MC10096-
81	MC10081-	97	MC10097-
82	MC10082-	98	MC10098-
83	MC10083-	99	MC10099-
84	MC10084-	100	MC10100-

Group C (420) FLEXMAP 3D Only	
Reg.	Part Number
1	MC12001-
2	MC12002-
3	MC12003-
4	MC12004-
5	MC12005-
6	MC12006-
10	MC12010-
11	MC12011-
16	MC12016-
17	MC12017-
23	MC12023-
24	MC12024-
31	MC12031-
32	MC12032-
40	MC12040-
41	MC12041-
50	MC12050-
60	MC12060-
71	MC12071-
92	MC12092-
101+	MC10XXX-

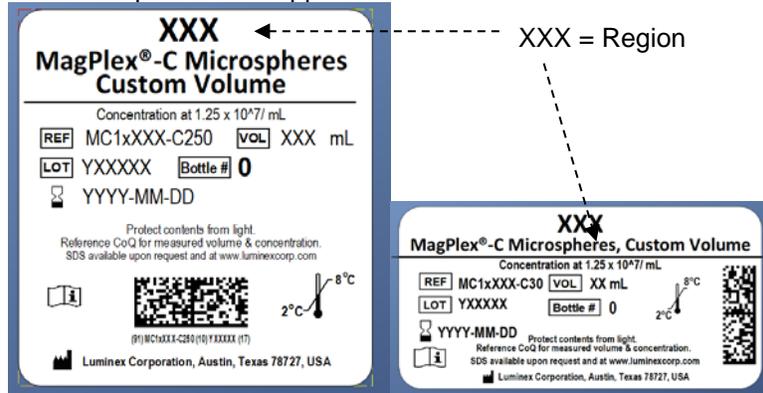
[XXX] = region # >100

For additional information regarding instrument compatibility and region selection, visit www.luminexcorp.com.

Labels

Example bottle labels and CoQ presented to show information accompanying order.

Bottle Label Examples shown approximate size.



CoQ Example not shown actual size.

Certificate of Quality

MagPlex®-C Microspheres, Custom Volume

REF	Product Number	MC10054-C125
LOT	Product Lot Number	B12345
	Product Expiration Date	YYYY-MM-DD
	Dyed Intermediate Lot	B12300
	Progenitor Lot ¹	B12000
	Classification Identifier	054
	Classification Efficiency (%) ^{2,3,5}	95.4
	Misclassification (%) ^{2,4,5}	1.10
	Doublet Discrimination (DD) Peak ^{2,5}	11669
	Reporter (RP1) Background Mean ^{2,5}	3.3

Bottle Number	Bottle Volume (mL)	Concentration (microspheres/mL)
1	123	1.25 x 10 ⁷
2	123	1.23 x 10 ⁷
3	123	1.25 x 10 ⁷

This certificate provides descriptive lot information, measured values, and assurance that quality requirements have been met for the components, intermediates, and finished product. Luminex Corporation certifies that the MagPlex®-C Microspheres, Custom Volume lot defined above conforms to all prescribed acceptance criteria and is fit for its intended use.

QC signature 31 December, 2000

1 Reference applicable Progenitor Certificate Letter for Progenitor lot information
 2 Measured on Luminex100/200 at MagPlex calibration settings in PBS pH 7.4 with 1 mg/mL BSA
 3 Oated Target Region Events = OO Oated Events
 4 Oated Non-Target Region Events = DD Oated Events
 5 DD gate setting 8000 - 15000

An ISO 13485:2003 Quality Certified Company

12212 Technology Blvd • Austin, Texas 78727-6115 USA
 Phone: 1.512.381.4397 • Toll-free: 1.877.785.2323 • Fax: 512.219.5195 • www.luminexcorp.com

Part Number: 89-50000-00-107 Revision: A1 Effective: 04/01/11