



# Product Specification Summary

## Genetic Tools & Reagents

|                |   |
|----------------|---|
| Catalog Number | 40-3002-10                                    |
| Product Name   | Loading buffer 5X BPB/XC non-denaturing; 1 mL |
| Size           | 1 mL  |
| Description    | 5X Concentrate                                |
| Component/Note | non-denaturing                                |

Gel Loading Buffer 5X BPB/XC and 10X BPB/XC are concentrates that contain bromophenol blue and xylene cyanol as tracking dyes. The migration of the tracking dyes differs in different percentage gels. See table below for approximate co-migration of dyes with DNA base pair sizes. In agarose gels over a range of 0.7% to 1.4% (w/v), xylene cyanol co-migrates with ~4 kb linear double strand DNA and bromophenol blue co-migrates with ~300 bp double strand DNA. In a 12% polyacrylamide gel xylene cyanol co-migrates with approximately 70 bp DNA and bromophenol blue co-migrates with ~20 bp DNA. Suitable for use in nucleic acid gel electrophoresis. DNase, RNase: None detected.

Scan the QR Code or visit the following links

Product Information

<http://www.genelink.com/geneprodsite/product.asp?p=919>



Product Manual

<http://www.genelink.com/Literature/ps/PS40-3002-XXver1.2.pdf>



Product MSDS

<http://www.genelink.com/Literature/ps/MSDSNH.pdf>



## Related Products

| Product  | Catalog No | Size   |
|--|------------|--------|
| Omni-Array™ mRN Antisense strand amplification kit | 08-0021-02 | 1 Kit  |
| Omni-Array™ Sense Strand mRNA Amplification Kit    | 08-0011-02 | 1 Kit  |
| Omni-Marker™ Universal unlabeled; 100 uL           | 40-3005-01 | 100 uL |
| Omni- Marker™ Universal unlabeled; 500 uL          | 40-3005-05 | 500 uL |
| Omni-Marker™ Universal unlabeled; 1 mL             | 40-3005-10 | 1 mL   |
| Omni- Marker™ Low unlabeled; 100 uL                | 40-3006-01 | 100 uL |
| Omni-Marker™ Low unlabeled; 500 uL                 | 40-3006-05 | 500 uL |
| Omni- Marker™ Low unlabeled; 1 mL                  | 40-3006-10 | 1 mL   |
| GScan Marker Tamra Labeled 50 bp - 600 bp; 100 uL  | 40-3061-01 | 100 uL |
| GScan Marker Tamra Labeled 50 bp - 600 bp; 500 uL  | 40-3061-05 | 500 uL |
| Omni-Marker™ GScan-1 Tet labeled 50 bp-1kb         | 40-3071-01 | 100 ul |
| Omni-Marker™ GScan-1 Tet labeled 50 bp-1kb         | 40-3071-05 | 500 ul |
| Omni-Marker™ GScan-2 Tet labeled 50 bp- 600 bp     | 40-3072-01 | 100 ul |
| Omni-Marker™ GScan-2 Tet labeled 50 bp- 600 bp     | 40-3072-05 | 500 ul |
| GScan Marker Hex Labeled 50 bp - 600 bp; 100 uL    | 40-3081-01 | 100 uL |