

### Monoclonal Anti-Clostridium difficile GDH (glutamate dehydrogenase)

#### Specification Sheet

|                           |                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------|
| <b>Catalog #:</b>         | MG043                                                                             |
| <b>Lot #:</b>             | 1597                                                                              |
| <b>Description:</b>       | Mab to GDH                                                                        |
| <b>Specificity:</b>       | This antibody is specific to GDH                                                  |
| <b>Clone:</b>             | 1A62H1                                                                            |
| <b>Host Animal:</b>       | Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse |
| <b>Isotype:</b>           | IgG1                                                                              |
| <b>Source:</b>            | Mouse ascites                                                                     |
| <b>Immunogen:</b>         | C. difficile GDH, recombinant                                                     |
| <b>Format:</b>            | Purified, liquid                                                                  |
| <b>Purification:</b>      | DEAE chromatography                                                               |
| <b>Concentration:</b>     | 4.45 mg/ml (OD280 nm, $E^{0.1\%} = 1.40$ )                                        |
| <b>Affinity Constant:</b> | Not determined                                                                    |
| <b>Buffer:</b>            | 0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN <sub>3</sub> pH7.2      |
| <b>Pairing Assays:</b>    | Pairs with MG041, MG042 and MG044                                                 |
| <b>Purity:</b>            | >95% by HPLC and SDS-PAGE                                                         |
| <b>Application:</b>       | For C. difficile GDH by EIA                                                       |
| <b>Storage:</b>           | 2-8° C for 1 year. Long-term store at -20° C                                      |

**For research use only**