

## Monoclonal Anti-Fentanyl

### Specification Sheet

|                           |   |
|---------------------------|---|
| <b>Catalog #:</b>         | MF041   |
| <b>Lot #:</b>             | 1534  |
| <b>Description:</b>       | Mab to fentanyl   |
| <b>Specificity:</b>       | Fentanyl 100%<br>Nor-fentanyl 5.0%  |
| <b>Clone:</b>             | 1E121H11  |
| <b>Host Animal:</b>       | Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse |
| <b>Isotype:</b>           | IgG1, kappa light chain   |
| <b>Source:</b>            | Mouse ascites   |
| <b>Immunogen:</b>         | Fentanyl-KLH  |
| <b>Format:</b>            | Purified, liquid  |
| <b>Purification:</b>      | DEAE chromatography   |
| <b>Concentration:</b>     | 3.82 mg/ml (OD280 nm, E <sup>0.1%</sup> = 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>    | Not determined  |
| <b>Application:</b>       | For fentanyl quantitative assays by EIA   |
| <b>Purity:</b>            | >95% by HPLC and SDS-PAGE   |
| <b>Storage:</b>           | 2-8° C for 2 year. Long-term store at -20 <sup>0</sup> C                          |

### For research use only

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