



## PRODUCT SPECIFICATION

|                      |   |
|----------------------|---|
| catalog number:      | <b>A11011</b>   |
| product description: | Alpha Fetoprotein (AFP) Monoclonal Antibody, Purified   |
| lot number:          | [lot specific]  |
| immunogen:           | Human purified AFP  |
| source:              | Murine ascites  |
| form:                | Liquid  |
| purification method: | DEAE chromatography   |
| purity:              | >95% by HPLC and SDS-PAGE   |
| buffer:              | 0.015M potassium phosphate, 0.85% NaCl, pH 7.2  |
| preservative:        | 0.05% NaN <sub>3</sub>  |
| isotype:             | IgG <sub>1</sub> , kappa  |
| concentration:       | [lot specific] mg/mL (based on A <sup>1%</sup> <sub>280nm</sub> = 14.0)   |
| specificity:         | This antibody reacts with human AFP.  |
| cross-reactivity:    | This antibody does not cross-react with human albumin, CEA, ferritin, hCG or PSA.   |
| pairing:             | This antibody can be used in quantitative EIA with either A11012 or A11013.   |
| storage:             | 2-8°C short term (one year); -20°C long term avoiding multiple freeze thaw cycles.  |
| hazard/biohazard:    | This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product. |