



## PRODUCT SPECIFICATION

|                      |  |
|----------------------|--|
| catalog number:      | <b>J31316</b>  |
| product description: | Human Creatine Kinase MB Isoenzyme, High Pure  |
| lot number:          | [lot specific]   |
| source:              | Human heart  |
| form:                | Clear, colorless solution  |
| purity:              | ≥98% pure by SDS-PAGE  |
| electrophoresis:     | ≥99% CK-MB   |
| buffer:              | 5mM sodium succinate, 1 mM EDTA, 10mM NaCl, 5 mM beta-mercaptoethanol, 50% glycerol, pH 7.4 ± 0.1  |
| preservative:        | None   |
| activity:            | [lot specific] U/mL CKMB (by Dimension® Clinical Chemistry System)<br>[1000 U = 1.0mg CKMB]  |
| specific activity:   | 1000 U/mg protein  |
| protein:             | [lot specific] (by Coomassie)  |
| manufacture date:    | [lot specific]   |
| expiration date:     | [lot specific]   |
| storage:             | 2-8°C short term; -20°C long term avoiding multiple freeze thaw cycles.  |
| country of origin:   | This product is manufactured in the USA.   |
| hazard/biohazard:    | Donor material has been tested and found negative for HBsAg, HCV Ab, HIV 1&2 Ab, and RPR by current FDA approved methods as well as non-reactive for HIV-1/HCV/HBV by NAT. However, this material should still be handled with caution as potentially hazardous. |