

## **PRODUCT SPECIFICATION**

### **α-2-Macroglobulin (α2M), Human**

**Catalog Number:** M0614      **Part Number:** 90033

**Source:** Human Plasma

#### **Form**

Lyophilized from 5mM Potassium Phosphate, pH 6.5 ± 0.1, containing a 1:1 ratio (w/w) of glycine to α-2-Macroglobulin as a stabilizer.

#### **Purity Specification**

≥ 95% by SDS-PAGE

#### **Protein / Content Specification**

Report protein concentration prior to lyophilization  
by A280 (E<sub>mg/ml</sub> = 0.91)

#### **Activity Specification**

Report activity

#### **Storage / Shipping**

Product is shipped using a refrigerated gel pack or dry ice (**not temperature monitored**). On arrival, store refrigerated at 2°C to 8°C short term (up to 2 weeks) or frozen below -15°C. After reconstituting, store frozen in small aliquots. Avoid repeated freeze-thaw cycles.

#### **Precaution / Hazard Statement**

**Tested and found negative for HIV 1 & 2, Hepatitis B, and Hepatitis C.** Although source materials have been tested for certain diseases, no test can absolutely assure the absence of all infectious agents. Therefore, this product should be handled as a potential biohazard.

**Intended Use:** For Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.