



## PRODUCT SPECIFICATION

### Human Chorionic Gonadotropin (hCG), $\alpha$ -Subunit

**Catalog Number:** C0814      **Part Number:** 90100

**Source:** Human Pregnancy Urine

#### **Form**

White powder, lyophilized from 30mM ammonium bicarbonate

#### **Purity Specification**

$\leq 2\%$   $\beta$ -hCG by immunoassay (specify method)

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

Report protein concentration prior to lyophilization (determined by  $A_{280}$ ,  $E_{mg/ml} = 0.43$ )

#### **Characteristics Specification**

Prepared from hCG with a specific activity  $\geq 11,000$  IU/mg (report method and calibration standard)

#### **Storage / Shipping**

Product is shipped using a refrigerated gel pack or dry ice (**not temperature monitored**). On arrival, store refrigerated at  $2^{\circ}\text{C}$  to  $8^{\circ}\text{C}$  short term (up to 2 weeks) or frozen below  $-15^{\circ}\text{C}$ . 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.

*Manufacturers of the highest quality proteins and antibodies.*