



L A B O R A T O R I E S

Manufacturers of the Highest Quality

## PRODUCT SPECIFICATION

### Thyroid Stimulating Hormone (TSH), Human, $\geq 95\%$ , Immunoaffinity Purified

**Catalog Number:** T0116      **Part Number:** 90564

**Source:** Human Pituitary Glands

**Purification Method:** Immunoaffinity chromatography using immobilized monoclonal antibody

#### **Form**

White powder, lyophilized from 50mM ammonium bicarbonate

#### **Purity Specification**

$\geq 95\%$  by SDS-PAGE

$\leq 0.1\%$  FSH, LH, GH, and Prolactin (w/w)

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

Report protein concentration prior to lyophilization  
(Lowry Protein Assay, BSA standard)

#### **Activity Specification**

$\geq 6.2$  IU/mg vial by immunoassay (report method)

#### **Characteristics Specification**

Indicate calibration standard for immunoassay, if available

#### **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.

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