

PRODUCT SPECIFICATION

Thyroid Stimulating Hormone (TSH), Human, $\geq 90\%$

Catalog Number: T0114 **Part Number:** 90244

Source: Human Pituitary Glands

Form

White powder, lyophilized from 50mM ammonium bicarbonate

Purity Specification

$\geq 90\%$ by SDS-PAGE

$\leq 2\%$ FSH, LH, and GH; $\leq 1\%$ Prolactin (w/w)

Protein / Content Specification

Report protein concentration prior to lyophilization.

(Lowry Protein Assay, BSA standard)

Activity Specification

≥ 5 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.