

SPECIFICATION

Thyroid Stimulating Hormone

Human Pituitary Glands

GENERAL INFORMATION

Catalogue Number	996-51	Storage Temperature	-20°C
CAS Number	9002-71-5	Storage Note	Protect from moisture
Synonym	TSH, Thyrotropin	Shipping Note	Cold pack
Molecular Weight	28,000		

PRODUCT INFORMATION

Source	Human pituitary glands
Form	Lyophilized from 50 mM ammonium bicarbonate
Appearance	White to almost white lyophilized powder
Purity	≥ 95% (SDS-PAGE)
Activity	≥ 5 IU/mg
Contaminants	FSH ≤ 0.5%
	hGH ≤ 0.1%
	LH ≤ 1.0%
	PRL ≤ 0.1%
Recertification	Five years from date of manufacture

HANDLING INFORMATION

Reconstitution	Reconstitute using neutral pH buffer of choice. Avoid using extreme high and low pH.
Storage	Aliquot and freeze at -20°C after reconstitution.
Handling	Handle as a potentially hazardous substance.

Non-infectious disease statement: Negative or non-reactive at the donor level for anti HIV 1 and 2, anti HCV, HBsAg, , HIV-1 NAT, and syphilis by FDA approved methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at the Biosafety Level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009. This product is intended for research, laboratory use, or further manufacturing. It is not for administration to humans. We certify this to be true to the best of our knowledge. The statements herein are offered for informational purposes only and are intended to be used solely for your consideration, investigation and verification. The suitability of this product for each application must be determined by each end user.

