

## SPECIFICATION

### Luteinizing Hormone

Human Pituitary Glands

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#### GENERAL INFORMATION

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Catalogue Number	996-31	Storage Temperature	-20°C
CAS Number	39341-83-8	Storage Note	Protect from moisture
Synonym	LH, Lutropin, Interstitial cell-stimulating hormone	Shipping Note	Cold pack
Molecular Weight	Approximately 30,000		

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#### PRODUCT INFORMATION

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Source	Human pituitary glands
Form	Lyophilized from 50 mM ammonium bicarbonate
Appearance	White, lyophilized powder
Purity	≥ 98% (SDS-PAGE)
Activity	≥ 8,500 IU/mg
Contaminants	FSH ≤ 0.1% hGH ≤ 0.1% PRL ≤ 0.1% TSH ≤ 0.1%
Recertification	Five years from date of manufacture

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#### HANDLING INFORMATION

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Reconstitution	Use 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.

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Non-infectious disease statement: Negative or non-reactive at the donor level for anti-HIV 1 and 2, anti-HCV, HBsAg 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.

