



## Gonadotropin-Releasing Hormone (GnRH) Human, Synthetic

### Product Data Sheet

Cat. No.:	A2261010	A2261025	A2261100
Size:	10 mg	25 mg	100 mg

#### Description:

Gonadotropin-Releasing Hormone (GnRH) Human, also known as Luteinizing-hormone releasing hormone (LHRH), Synthetic, is a single, non-glycosylated, polypeptide chain containing 10 amino acids and having a molecular mass of 1182.2 Dalton. The molecular formula is  $C_{55}H_{75}N_{17}O_{13} \cdot C_2H_4O_2$ . The CAS Number is 71447-49-9.

#### Amino Acid Sequence:

Pyr-His-Trp-Ser-Tyr-Gly-Leu-Arg-Pro-Gly-NH<sub>2</sub>.

#### Purity:

Greater than 98.0%.

#### Physical Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

#### Formulation:

The synthetic GnRH was lyophilized from a concentrated (1 mg/ml) solution with no additives.

#### Shipping:

Shipped at ambient temperature. Upon receipt, store at the temperature recommended below.

#### Stability:

Lyophilized GnRH although stable at room temperature for 3 weeks, should be stored desiccated below -18° C. Upon reconstitution GnRH should be stored at 4° C between 2-7 days and for future use below -18° C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles.

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**Usage:**

Ilex Life Sciences products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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