

## Synthetic Cetrorelix

<b>Catalog No.</b>	CRC154A	<b>Quantity:</b>	250 µg
	CRC154B		1.0 mg
	CRC154C		10 mg

**Description:** Cetrorelix acetate is a synthetic decapeptide with gonadotropin-releasing hormone (GnRH) antagonistic activity. Cetrorelix acetate is an analog of native GnRH with substitutions of amino acids at positions 1, 2, 3, 6, and 10. The molecular formula is C<sub>70</sub>H<sub>92</sub>CIN<sub>17</sub>O<sub>14</sub> (Ac-D-Nal<sup>1</sup>-D-Cpa<sup>2</sup>-D-Pal<sup>3</sup>-Ser<sup>4</sup>-Tyr<sup>5</sup>- D-Cit<sup>6</sup>-Leu<sup>7</sup>-Arg<sup>8</sup>-Pro<sup>9</sup>-D - Ala<sup>10</sup>-NH<sub>2</sub>), and the molecular weight is 1431 Dalton, calculated as the anhydrous free base.

**Formulation:** The Cetrorelix peptide was lyophilized with no additives.

**Purity:** Greater than 98.0% as determined by:  
(a) Analysis by RP-HPLC.  
(b) Analysis by SDS-PAGE.

**Physical Appearance:** Sterile Filtered White lyophilized (freeze-dried) powder.

**Reconstitution:** It is recommended to reconstitute the lyophilized Cetrorelix in sterile 18 MΩ-cm water not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

**Storage & Stability:** Lyophilized Cetrorelix although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Cetrorelix 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.**

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**