

## Cetrorelix - Purified

<b>Alternate names:</b>	GnRH Antagonist
<b>Catalog No.:</b>	AR00004PU-L
<b>Quantity:</b>	0.25 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Source:</b>	Synthetic
<b>Format:</b>	<b>State:</b> Sterile Filtered White lyophilized powder without additives <b>Purity:</b> >97% Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. <b>Reconstitution:</b> Restore in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
<b>Description:</b>	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. <b>AA Sequence:</b> Ac-D-Nal1-D-Cpa2-D-Pal3-Ser4-Tyr5- D-Cit6-Leu7-Arg8-Pro9-D -Ala10-NH2 <b>Molecular weight:</b> 1.4 kDa 1431.06 Dalton, calculated as the anhydrous free base
<b>Storage:</b>	Lyophilized product although stable at room temperature for 3 weeks, should be stored desiccated below -18 °C. Upon reconstitution it should be stored at 2 - 8 °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 avoid freeze-thaw cycles. Shelf life: One year from despatch.