PEPTIDEDOSAGE

Buserelin Dosage Chart

Medically reviewed June 21, 2026 · Page updated November 21, 2026

TYPICAL RESEARCH DOSE

500 mcg q8h SC ×7 days, then 200 mcg/day SC

5 mg vial + 2.5 mL bacteriostatic water

2 mg/mL · 1 unit = 20 mcg on a U-100 syringe

PHASE	DOSE PER INJECTION	UNITS (PER INJECTION)
Days 1-7 — loading (500 mcg SC every 8 hours, ~1,500 mcg/day)	500 mcg	25 units (0.25 mL)
Day 8 onward — maintenance (200 mcg SC once daily)	200 mcg	10 units (0.10 mL)
IVF ovulation trigger — single SC bolus (alternative to hCG)	500 mcg	25 units (0.25 mL)

Buserelin dose to syringe units, by vial size

U-100 insulin syringe: 100 units = 1 mL.

DOSE	5 MG VIAL + 2.5 ML (2 MG/ML)
200 mcg	10 units (0.1 mL)
500 mcg	25 units (0.25 mL)

STORAGE

Lyophilized powder stored frozen at -20 °C. Reconstituted solution and the commercial 1 mg/mL injection are kept refrigerated at 2-8 °C, protected from light and not frozen; per the Suprefact SmPC an in-use injection vial should be discarded within about 14-15 days. Nasal spray is stored below 25 °C.

Educational reference only, not medical advice. Figures restate the research protocol published at the address above.