PEPTIDEDOSAGE

# Semaglutide Dosage Chart

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TYPICAL RESEARCH DOSE

## 0.25–2.4 mg once weekly SC (16-week titration to 2.4 mg maintenance)

### 5 mg vial + 2 mL bacteriostatic water

2.5 mg/mL · 1 unit = 25 mcg on a U-100 syringe

| WEEK | WEEKLY DOSE | UNITS (PER INJECTION) (ML) |
|---|---|---|
| Weeks 1–4 | 250 mcg (0.25 mg) | 10 units (0.10 mL) |
| Weeks 5–8 | 500 mcg (0.5 mg) | 20 units (0.20 mL) |
| Weeks 9–12 | 1000 mcg (1.0 mg) | 40 units (0.40 mL) |
| Weeks 13–16 | 1700 mcg (1.7 mg) | 68 units (0.68 mL) |
| Weeks 17+ (Maintenance) | 2400 mcg (2.4 mg) | 96 units (0.96 mL) |

### 10 mg vial + 3 mL bacteriostatic water

3.33 mg/mL · 1 unit = 33.3 mcg on a U-100 syringe

| WEEK | WEEKLY DOSE | UNITS (PER INJECTION) (ML) |
|---|---|---|
| Weeks 1–4 | 250 mcg (0.25 mg) | 7.5 units (0.075 mL) |
| Weeks 5–8 | 500 mcg (0.5 mg) | 15 units (0.15 mL) |
| Weeks 9–12 | 1000 mcg (1.0 mg) | 30 units (0.30 mL) |
| Weeks 13–16 | 1700 mcg (1.7 mg) | 51 units (0.51 mL) |
| Weeks 17+ (Maintenance) | 2400 mcg (2.4 mg) | 72 units (0.72 mL) |

### 20 mg vial + 3 mL bacteriostatic water

6.67 mg/mL · 1 unit = 66.7 mcg on a U-100 syringe

| WEEK | WEEKLY DOSE | UNITS (PER INJECTION) (ML) |
|---|---|---|
| Weeks 1–4 | 250 mcg (0.25 mg) | 4 units (0.04 mL) |
| Weeks 5–8 | 500 mcg (0.5 mg) | 7.5 units (0.075 mL) |
| Weeks 9–12 | 1000 mcg (1.0 mg) | 15 units (0.15 mL) |
| Weeks 13–16 | 1700 mcg (1.7 mg) | 25.5 units (0.255 mL) |
| Weeks 17+ (Maintenance) | 2400 mcg (2.4 mg) | 36 units (0.36 mL) |

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

## Semaglutide dose to syringe units, by vial size

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

| DOSE | 5 MG VIAL + 2 ML (2.5 MG/ML) | 10 MG VIAL + 3 ML (3.33 MG/ML) | 20 MG VIAL + 3 ML (6.67 MG/ML) |
|---|---|---|---|
| 250 mcg | 10 units (0.1 mL) | 7.5 units (0.075 mL) | 3.7 units (0.037 mL) |
| 500 mcg | 20 units (0.2 mL) | 15 units (0.15 mL) | 7.5 units (0.075 mL) |
| 1 mg | 40 units (0.4 mL) | 30 units (0.3 mL) | 15 units (0.15 mL) |
| 1.7 mg | 68 units (0.68 mL) | 51 units (0.51 mL) | 25.5 units (0.255 mL) |
| 2.4 mg | 96 units (0.96 mL) | 72 units (0.72 mL) | 36 units (0.36 mL) |

**STORAGE**

Lyophilized frozen at -20 °C; reconstituted refrigerated at 2–8 °C; use within 28 days; avoid repeated freeze–thaw cycles.

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www.peptidedosage.org/peptides/semaglutide/dosage