

Semax Dosing Chart

A synthetic fragment of ACTH studied for nootropic and neuroprotective effects. Used in Russia; not approved in the US. Commonly discussed doses: 300 mcg–1.2 mg. Often administered intranasally in community use. Figures shown are community reference amounts in micrograms. There is no established or approved dose.

thelastpeptide.com · Medically reviewed by Charles Maddix, MSN, APRN, PMHNP-BC · Last reviewed 2026-08-02

FDA STATUS

Not FDA-approved in the United States. Semax is used in Russia as a nootropic but is not FDA-approved, and its evidence base is largely regional.

10 mg vial — units to draw (U-100 syringe)

Water added	mg/mL	300 mcg	600 mcg	1.2 mg
1 mL	10	3 u	6 u	12 u
2 mL	5	6 u	12 u	24 u
3 mL	3.33	9 u	18 u	36 u

30 mg vial — units to draw (U-100 syringe)

Water added	mg/mL	300 mcg	600 mcg	1.2 mg
1 mL	30	1 u	2 u	4 u
2 mL	15	2 u	4 u	8 u
3 mL	10	3 u	6 u	12 u

"—" means the draw exceeds one syringe at that concentration. Interactive calculator for any combination: thelastpeptide.com/peptides/semax

Semax dose figures are commonly discussed reference information with no approved labeling unless stated above. The Last Peptide is an educational reference and sells nothing. Dosing figures shown here are commonly discussed reference information, not prescriptions or medical advice. Many peptides listed are not FDA-approved. Talk to a licensed clinician before using any peptide.