

# Instructions For Using the Peptide Reconstitution Calculator

What does the researcher need to know prior to calculating dosage using the Peptide Reconstitution Calculator?

**1. Quantity in the Peptide Vial**

\*Note: If you have a peptide blend (example: CJC-1295-ND 5mg/Ipamorelin 5mg, the quantity you will enter in the calculator is 5mg not 10mg)

**2. What Dosage will be Required in mcg (micrograms)**

**3. Size of syringe**

- 1ml (100 units)
- 0.5ml (50 units)
- 0.3ml (30 units)

**4. How much bacteriostatic water will you use to reconstitute the peptides?**

- NOTE: This is a matter of preference, but most Omega Peptides vials hold 3ml of water. The more bac water you add, the more you must pull into syringe to get your research dosage.

**5. Dosage required in micrograms (mcg)**

To calculate/convert dosage: Take dosage in milligrams (mg) & multiply by 1000 **OR** use the [mg to mcg calculator](#)

Example calculation: 2.5mg x 1000 = 2500 mcg

We suggest you visit our [Research Library](#) for additional information on the peptide under experimentation before you begin your research.


## Example Scenario


Researcher ordered a 10mg vial of Tirzepatide from Omega Peptides and needs to reconstitute into 4 research doses of 2.5 mg each. Researcher has a 1ml (100 unit) syringe & decides 1ml (100 units) of bac water should be sufficient to reconstitute the 10mg vial of peptides.


Using the Peptide Reconstitution calculator located at: <https://www.omegapeps.com/peptide-calculator/>


Researcher selects & enters the relevant values on the calculator as follows:

What is the total volume of your syringe?

0.3ml 

0.5ml 

1ml 



Select Peptide Vial Quality

5mg 10mg 15mg Other

Researcher has a 10mg vial of Tirzepatide so select this option

How much bacteriostatic water are you adding?

1ml 2ml 3ml 5ml Other

Researcher decides to add 1ml (100 units) of Bac Water to 10mg vial to reconstitute as a matter of preference but could add up to 3ml in most Omega Peptide vials or add even...

Researcher has 1ml (100 unit) syringe so this option is selected

How much of the Peptide do you want in each dose?

50mcg

100mcg

250mcg

500mcg

Other

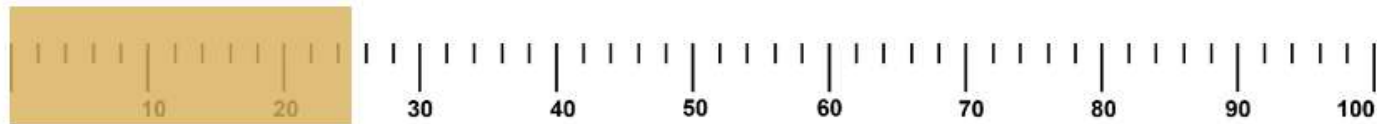
Enter peptide quantity

2,500

Researcher wants to divide the 10mg vial into 4 doses of 2.5mg which must be converted to micrograms (mcg) by taking  $2.5\text{mg} \times 1000 = 2500\text{mcg}$ . Since 2500mcg is not an option, Other is selected & a peptide quantity of 2,500 is entered.

Based on the information entered by the Researcher, the calculator displays the amount that must be pulled into the 1ml (100 unit) syringe to get a research dose of 2.5mg (2500 mcg).

**To have a dose of 2500 mcg pull the syringe to 25**



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