

Mixing Instructions for Solutions in *Human Body Systems*

FOR LESSON 4

Amylase mixing instructions:

1. Add packet of amylase powder to the 60-mL mixing/storage bottle.
2. Add 50 mL of water. (Distilled water is preferred, but tap water may also be used.)
3. Cap the bottle and shake well to dissolve the amylase powder.

FOR LESSON 5

Artificial gastric juice mixing instructions:

1. Add 1 packet of pepsin powder to the 250-mL bottle that contains 0.07 M HCl.
2. Cap the bottle and shake well.

Pepsin mixing instructions:

1. Measure 240 mL of water into the 250-mL mixing/storage bottle. (Distilled water is preferred, but tap water may also be used.)
2. Add 1 packet of pepsin powder to the bottle.
3. Cap the bottle and shake well.

If refrigerated, each solution has a shelf life of about one year.

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