

GREER[®] Sterile Diluents and Sterile Empty Vials: Designed with Your Needs in Mind



GREER TOUCHPOINT #91

“In our allergy practice, we need sterile diluents and vials that fit our specific practice procedures.”

In Touch. Within Reach.[™]

GREER®
Sterile Diluents™

A Wide Variety of Vial Sizes, Fill Volumes, Formulations, and Cap Colors

Sizes

- Various vial sizes with 2 neck sizes for a choice in stopper diameter: 13 mm or 20 mm

Fill Volumes

- Fill volumes range from 1.8 mL to 100 mL
- 30 mL and 100 mL vials are overfilled to ensure labeled amount can be withdrawn

Cap Styles and Colors

- Permanent color-coded seals and snap-on colored-coded caps are available to help differentiate extract strengths



Choose the GREER® Sterile Diluent that's Right for Each Need

GREER TOUCHPOINT #7

“There are so many diluents to choose from. What makes them different?”

GREER® produces its sterile diluents to offer you the options you need to make your allergy immunotherapy practice efficient and effective—options like enhancing the stability of your testing and treatment panels, color-coded caps to differentiate extract strengths, and multiple fill volumes for greater efficiency. With GREER's robust inventory, you can count on us to quickly deliver what you need.

GREER® Sterile Diluent Characteristics

DILUENT	CONTENTS	DILUENT FEATURES
Phenolated Normal Saline (Phenolated Saline)	<ul style="list-style-type: none"> • 0.9% sodium chloride • 0.4% phenol 	<ul style="list-style-type: none"> • Phenol acts as a preservative by inhibiting microbial growth¹
Human Serum Albumin (HSA)	<ul style="list-style-type: none"> • 0.03% HSA • 0.9% sodium chloride • 0.4% phenol 	<ul style="list-style-type: none"> • May be less irritating to skin than diluents containing glycerin^{2,3} • Helps maintain allergen potency by preventing adsorption of proteins to vial walls^{1,2} • May be the preferred diluent for intradermal diagnostic testing²
Buffered Saline	<ul style="list-style-type: none"> • 0.5% sodium chloride • 0.1072% sodium phosphate • 0.0363% potassium phosphate • 0.4% phenol 	<ul style="list-style-type: none"> • Maintains stable pH of diluted extracts • Phenol acts as a preservative by inhibiting microbial growth¹
10% Glycerol-Saline	<ul style="list-style-type: none"> • 0.9% sodium chloride • 0.4% phenol • 10% glycerin 	<ul style="list-style-type: none"> • Extends potency of allergenic extracts to 90 days⁴ • Extract stabilities similar to that of HSA diluent³ • 10% glycerin generally well tolerated following subcutaneous injection³
50% Glycerin-Saline*	<ul style="list-style-type: none"> • 0.091% sodium bicarbonate • 0.166% sodium chloride • 50% glycerin 	<ul style="list-style-type: none"> • Inhibits proteolytic and glycosidic activity of enzymes found in some allergen extracts, including mold and cockroach^{1,2} • Helps protect structure of allergenic proteins, such as tree, grass, and weed pollens and some pet danders, that may be particularly susceptible to degradation in solution² • May help protect against the effects of prolonged exposure to room temperature² • Provides bacteriostatic action in the absence of phenol²

*Manufactured for GREER®

GREER®
Sterile Empty Vials™

A Wide Variety of Sterile Empty Vials for Your Mixing Needs



GREER TOUCHPOINT #62

“I need an allergy immunotherapy partner who provides wide-ranging solutions.”

- Wide range of industry-relevant sizes
- Choice of permanent color-coded seals or snap-on color-coded caps for vial strength differentiation
- Meticulous attention to quality
 - Automated for efficiency
 - Human inspection of each vial for added quality control



Non-sterile Dropper Vials

- Available in 5 mL and 10 mL

GREER®
Versa Vial Rack™

Vial Racks to Organize Your Practice

- Specific types for specific uses
- Tiered wells snugly hold multiple vial sizes
- 4 easy-grip handles
- Easy to clean
 - Drains in every well
 - Matte finish cleans with soapy water or 70% isopropyl alcohol
- Space saving sizes designed to fit most refrigerators
- Stackable



GREER® Testing Versa Vial Rack™

GREER® Prescription Versa Vial Rack™

GREER® Bulk Versa Vial Rack™

Designed with Your Allergy Immunotherapy Needs in Mind



- Breadth of sterile diluent formulations, vial sizes, fill volumes, and cap colors
- Depth of inventory to meet your needs quickly
- Wide array of sterile empty vial sizes and cap colors
- GREER® Versa Vial Rack™ to help organize your allergy immunotherapy practice supplies

References:

1. Cox L. Allergen immunotherapy: a practice parameter third update. *J Allergy Clin Immunol.* 2011;127(1):S1-S55.
2. Nelson MR. Physician instruction guide for the preparation of allergen extract. February 20, 2009. http://www.jcaai.org/file_depot/0-10000000/20000-30000/27387/folder/62846/Physician_Instruction_Guide.pdf. Accessed 12/22/2010.
3. Nelson HS. Effect of preservatives and conditions of storage on the potency of allergy extracts. *J Allergy Clin Immunol.* 1981;67(1):64-69.
4. King H, Mabry R, Mabry C. Allergy in ENT Practice: A Basic Guide. New York & Stuttgart: Thieme; 1998:222-223.



Do you have a challenge or question you need help with, right away? Get in touch with GREER®. Now.

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