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A Geno Technology, Inc. (USA) brand name

# DIALYZER-Enhance™

(Cat. # 786-627)



think proteins! think G-Biosciences [www.GBiosciences.com](http://www.GBiosciences.com)

## INTRODUCTION

Dialysis is the process of separating molecules in solution by the difference in their rates of diffusion through a semi permeable membrane, such as dialysis tubing or Tube-O-DIALYZER™ dialysis caps. Molecules small enough to pass through the dialysis membrane move across the membrane in the direction of decreasing concentration, until equilibrium has been reached. In order to remove the highest amount of small molecules as possible, the dialysis must be performed against large volumes of dialysis buffers and/or require frequent changes of buffer to shift the equilibrium. In fact, the approximate maximal extent a small molecule can be removed by dialysis is estimated by:  $(V_i/V_o)^{\#C}$ , where  $V_i$  is the volume inside a dialysis bag;  $V_o$  is the volume of dialysis buffer and #C is the number of times the buffer is changed.

DIALYZER-Enhance™ is a proprietary product that when added to the dialysis buffer shifts the equilibrium resulting in the increased removal of a wide range of small molecules. The DIALYZER-Enhance™ consists of unreactive reagents that will not interfere or modify your reagents and will not cross the dialysis membrane, ensuring a pure, clean sample at the end of dialysis.

DIALYZER-Enhance™ is designed for use with our patented Tube-O-DIALYZER™ micro dialysis devices, dialysis tubing and bags for rapid and complete dialysis.

## ITEMS INCLUDED (Cat. # 786-627)

Description	Size
DIALYZER-Enhance™	50ml

## STORAGE CONDITION

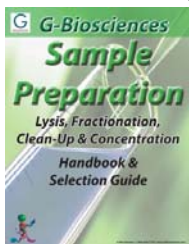
It is shipped at ambient temperature. Upon receiving, store it at room temperature.

## PROTOCOL

1. DIALYZER-Enhance™ is a suspension of a proprietary mix that requires resuspension before use. Vigorously shake or vortex the bottle immediately before use
2. Simply pipette 100µl DIALYZER-Enhance™ into every 10ml Dialysis Buffer. Place dialysis bag or Tube-O-DIALYZER™ into the dialysis buffer and place on a magnetic stirrer and dialysis as normal.

## RELATED PRODUCTS

Download our Sample Preparation Handbook



<http://info.gbiosciences.com/complete-protein-sample-preparation-handbook>

For other related products, visit our web site at [www.GBiosciences.com](http://www.GBiosciences.com) or contact us.

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