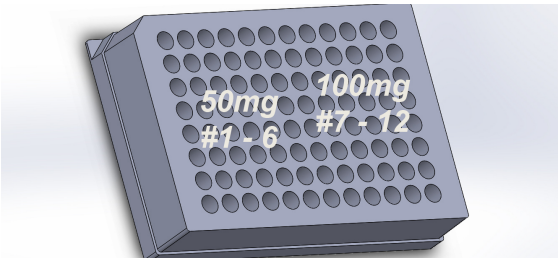
BioPureSPE™ SEC-60 MACRO Plates (10-30µL loading volume)

Directions for SEC-60 ***(p/n HNS HIL60-M & HNS HIL60-L)****:*



60Å POLYHYDROXYETHYL A™ SEC PLATE

- **Conditioning the plate**: Pipette 200µL of conditioning solvent (e.g., 100% acetonitrile or MeOH) into the plate and remove the liquid by centrifugation (1 min. at about 110 x g @ ~800 rpm) or with a 96-Well Positive Pressure Processor.
- **Equilibrating the plate for SEC**: Flush with 1 tube volume of 5mM - 20mM buffer (e.g. ammonium formate (or acetate)) at a pH appropriate for the separation (e.g. pH 6.5). Repeat to assure all organic is removed. Remove the collecting plate and blot dry any moisture on the exterior of the column outlets.
- **Processing the sample**: Load 10-30µL of sample and place plate on a new 2mL collection reservoir.
- **Releasing the sample**: Expel the liquid as above. Salts should remain behind and larger molecules will elute at the solvent front, depending on the relative volumes of sample and column media.

NOTES:

- Since there is no chromatographic binding capacity in SEC, separations are based on the relative volumes of sample and interstitial column volume. A totally included volume is 50µL for 50mg wells and 100µL for 100mg wells. The excluded volume is the volume of the sample since these plates are not hydrated but “damp” and one expels the liquid back to a damp column surface.

Each column is designed for a one-time application only, and it is recommended that columns should not be re-used since the quality of results is affected. Cartridges are for desalting applications only. There is not enough column volume to allow true SEC fractionation.

FOR IN-VITRO USE ONLY
FOR RESEARCH USE ONLY

For questions or to place an order, call

The Nest Group, Inc.
1-800-347-6378

The Nest Group, Inc. TEL#800-347-6378 or TEL# 508-481-6223 FAX# 508-485-5736
17 Hayward St., Ipswich, MA 01938-2041 URL http://www.nestgrp.com E-mail: info @nestgrp.com