

Which vial type should I use for a low volume sample study of proteins - FAQ

Some compounds adsorb to borosilicate glass due to hydroxyl groups / silanols on the glass surface and others adsorb due to hydrophobic interaction with the glass itself.

Deactivated (*surface treated*) RSA-Pro X™ vials offer the best glass options for you since the surface treatment is more complete than any other glass vial available and the surface is non stick, hydrophobic and hydrolytically stable even when heated and cooled.

RSA-Pro X™
HYDROLYTIC STABILITY

[RSA -Pro X vial product page and demonstration video](#)

Alternately, if you can use plastic vials, your best option is most likely using the 300ul [LCMS Poly Vials](#) or our [700ul LCMS Poly Vials](#).



Printed from the Chrom Resource Center

Copyright 2025, All Rights Apply

MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

Tel: (732) 380-8900

Fax: (910) 769-9435

Email: customers@mtc-usa.com

Website: www.mtc-usa.com