Acrylamide Plate: Sample Extraction / Centrifugation / Clean-Up 515680-ES



2 Min

Tube #1

Eurofins Abraxis 124 Railroad Drive Warminster, PA 18974 WEB: www.abraxiskits.com Date this Flow Chart is effective: 17FEB2022

rotins

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Tube #1

4 Min

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8. Condition Tube #2

- 1. Place Tube #2 within 15-mL centrifuge tube, labeled "Waste".
- 2. Condition Tube #2 with 2.0 mL 100% methanol. Centrifuge at 40 xg (490 RPM) for 4 minutes.
- 3. Empty contents of "Waste" centrifuge tube.
- 4. Rinse Tube #2 with 2.0 mL de-ionized water. Centrifuge at 40 xg (490 RPM) for 4 minutes.
- 5. Repeat Step 8.4.
- 6. Empty contents of "Waste" centrifuge tube.



9. Concentrate Sample

- 1. Transfer 1.0 mL sample eluent from Tube #1 (Step 7. 4) to Tube #2. Centrifuge at 40 xg (490 RPM) for 2 minutes.
- 2. Transfer the rest of the sample eluent from Tube #1 (approximately 2 mL) through Tube #2. Centrifuge at 40 xg (490 RPM) for 4 minutes. 3. Empty contents of "Waste" centrifuge tube.
- 4. Rinse Tube #2 with 1.0 mL de-ionized water. Centrifuge at 40 xg (490 RPM) for 2 minutes.
- 5. Repeat Step 9.4.
- 6. Dry Tube #2 using centrifugation at 1,000 xg (2400 RPM) for 10 minutes.



10. Elute Sample

1. Place Tube #2 within a clean 15-mL centrifuge tube to collect sample eluent.

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- 2. Elute extracted acrylamide from Tube #2 using 1.0 mL 60% methanol in de-ionized water.
- 3. Repeat Step 10.2.
- 4. Remove Tube #2 and transfer sample eluent (Steps 10. 2 and 10.3) to a glass sample vial.
- 5. Proceed to derivitization procedure.

