

strata-X in action: desalting method

SPE tube: strata-X (30mg/1mL)

Conditioning: 1mL ACN

Equilibration: 1mL DI water (no 0.1% TFA)

Load sample

Washing: 2 x 1mL DI water (no 0.1% TFA)

Elution: 250 μ L of

40:60 ACN/water (acidic peptides)

70:30 ACN/water (neutral peptides)

70:30 ACN/1.0% formic acid (basic peptides)

EFFECTIVE DESALTING + SELECTIVE ELUTION!



strata-X in biological applications: selective elution of peptides from a salt matrix

Selective Elution of Peptides Based on their Acidity by Different Elution Solvents

Eluent	Absolute Recovery from strata-X, 30mg. Vol of eluents = 250 μ L.			
	ACTH	Bradykinin	Angiotensin I	HGRH
40:60 ACN/water	0.0%	5.1%	n/a	101.5%
70:30 ACN/water	0.0%	44.1%	98.4%	n/a
70:30 ACN/1.0% formic acid	78.8%	92.5%	98.5%	n/a

↑
Basic

↑
Neutral

↑
Acidic

