

Solid Phase Extraction Column Method Development Kits

Sepax–UCT understands that the optimum sorbent for any given separation cannot always be chosen empirically and that the cost of purchasing individual sorbents for screening purposes can be prohibitive. We offer the following kits at prices designed to reduce the cost of assay development:



- Non-Polar Phases
- Polar Phases
- Ion Exchange Phases
- Copolymeric Phases
- Environmental Phases
- Pharmaceutical Phases
- Toxicology Phases

Non-Polar Phases, Endcapped

Part Number: MDK-NPE-I		• Total Number of Tubes: 130	• 13 packages / 10 each
CEC02111	CEC06111	CEC18111	This kit contains ten 100 mg/1 ml tubes of each of thirteen non-polar phases which include the endcapped hydrophobic phases, for C2, C3, C4, Ci4(isobutyl), Ct4 (tertbutyl), C6, C7, C8, C10, C12, C18, C20, along with cyclohexyl (CYH), and phenyl (PHY) phases.
CECN3111	CEC07111	CEC20111	
CECn4111	CEC08111	CECYH111	
CECi4111	CEC12111	CEPHY111	
CECt4111			

Polar Phases

Part Number: MDK-PU-I		• Total Number of Tubes: 80	• 8 packages / 10 each
CEC02111	CUDOL111	CUPSA111	This kit contains ten 100 mg/1 ml tubes of each of eight phases with polar characteristics, including C2, cyanopropyl (CNP), diol (DOL), silica (SIL), primary amine (aminopropyl; NAX), secondary amine (aminoethyl; PSA), tertiary amine (diethylamino; DAX).
CUCNP111	CUSIL111	CUDAX111	
CECNP111	CUNAX111		

Environmental Phases

Part Number: MDK-ENV-111		• Total Number of Tubes: 50	• 10 packages / 5 each
EUC18123	EUQAX123	EUALB123	This kit contains five 200 mg/3 mL tubes of each of ten phases. It includes a non-polar functionality with an effective chain length of a C18, CSDAU, Silica, Florisil®, QAX, Alumina-N, Alumina-A, Alumina-B, BCX, and Carbon.
EUDAU123	EUALN123	EUBCX123	
EUSIL123	EUALA123	EUCARB23	
EUFLS123			

Copolymeric

Part Number: MDK-PU/1EX-11		• Total Number of Tubes: 60	• 6 packages / 10 each
CUCNP211	CUCX211		This kit contains ten 100 mg/1 ml tubes of each of six mixed mode phases containing a non-polar and polar or ion exchange functionality. The non-polar functionality in each case has an effective chain length of a C8. The polar or ion exchange functionality of each phase consists of one of the following: cyanopropyl (CNP2), primary amine (aminopropyl; NAX2), quaternary amine (QAX2), carboxylic acid (CCX2), propylsulfonic acid (PCX2), and benzenesulfonic acid (BCX2).
CUNAX211	CUPCX211		
CUQAX211	CUBCX211		

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Ion Exchange Phases			
Part Number: MDK-IEX-I		• Total Number of Tubes: 70	• 7 packages / 10 each
CUNAX111 CUCCX111 CUPSA111 CUPCX111 CUDAX111 CUBCX111 CUQAX111	This kit contains ten 100 mg/1 mL tubes of each of seven ion ex-change phases including primary amine (aminopropyl; NAX), secondary amine (aminoethyl; PSA), tertiary amine (diethylamino; DAX), quaternary amine (QAX), carboxylic acid (CCX), propylsulfonic acid (PCX), and benzenesulfonic acid (BCX) phases.		
Toxicology Phases			
Part Number: MDK-TOX-111		• Total Number of Tubes: 40	• 8 packages / 5 each
CSDAU203 CEC02123 CSTHC203 CEC08123 CUSIL123 CEC18123 CECNP123 CUC18123	This kit contains five 200 mg/3 ml tubes of each of eight phases. The two standard phases used for drugs of abuse testing are CSDAU and CSTHC. Other phases commonly used in toxicology are the polar and non-polar phases. The polar phases are unbonded silica and cyanopropyl (CNP); the non-polar phases are endcapped, C2, C8, and both endcapped and unendcapped C18.		
Pharmaceutical Phases			
Part Number: MDK-PHM-111		• Total Number of Tubes: 140	• 8 packages / 5 each
CEC08123 CEC18123 CUBCX223 CUCCX123 CUNAX223 CUQAX123 CEC02123 CUCNP123	This kit contains five 200 mg/3 ml tubes of each of eight phases that are most often selected for pharmaceutical applications. Two copolymeric phases having the dual functionalities of non-polar C8 and either benzenesulfonic acid (BCX) or aminopropyl (NAX). The remaining columns are phases which include three endcapped, hydrophobic phases (C2, C8, C18), two ion exchange phases (CCX, QAX), and one polar phase (CNP).		