

HPLC USP — Selection Guide

*im*Chem

HPLC USP SELECTION GUIDE

USP Phase	imChem Choice	imChem 2nd Choice	Alternative to*
L1 (C18)	Surf C18	Shaper C18	Ace, Inertsil, Luna, Nucleosil, Symmetry, YMC-Pack, Zorbax
		(high resolution)	
		Coral Global C18 (scale-up choice)	
	Surf Extreme C18 (pH 1 to 10)	Shaper Extreme C18	Gemini, InertSustain, XTerra, XBridge, Zorbax Extend, YMC TriArt
		(high resolution)	
		Coral Extreme C18 (scale-up choice)	
	Surf C18 AQ (100% aqueous mobile phase)	Shaper C18 AQ	Atlantis, Ace AQ, Inertsil EP, Nova-Pak, Nucleosil AQ, Synergi, YMC-Pack AQ
		(high resolution)	
		Coral C18 AQ (scale-up choice)	
	SunShell C18 (core-shell)	---	Accucore, Ascentis, Cortecs, Halo, Kinetex, Poroshell

Surf Bio-C18 (300Å)	---	Ace 300, Inertsil WP300, Jupiter, Nucleosil 300, Symmetry 300, Zorbax 300	

SunShell C18-WP (core-shell)	---	Accucore XL, Aeris, Halo	

L2 (Prep C18)	Coral Global C18	---	Bondapak Prep
L3 (Silica)	Surf Si	Shaper Si	Inertsil, Luna, Nucleosil, Symmetry, Synergi, YMC-Pack, Zorbax
		(high resolution)	
Coral Si (scale-up choice)			
Halo HILIC (core-shell)	---	Accucore, Ascentis, Kinetex	

L4 (Prep Silica)	Coral Si	---	Porasil Prep
L5 (Alumina)	---	---	---
L6 (Prep SCX)	---	---	---
L7 (C8)	Surf C8	Shaper C8	Ace, Inertsil, Luna, Nucleosil, Symmetry, YMC-Pack, Zorbax
		(high resolution)	
		Coral Global C8	
		(scale-up choice)	

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L7 (C8)	Surf Extreme C8 (pH 1 to 10)	Shaper Extreme C8	Gemini, InertSustain, XTerra, XBridge, Zorbax Extend, YMC TriArt
		(high resolution)	
		Coral Extreme C8 (scale-up choice)	
	Surf C8 AQ (100% aqueous mobile phase)	Shaper C8 AQ	Atlantis, Ace AQ, Nova-Pak, Nucleosil AQ, YMC-Pack AQ
		(high resolution)	
		Coral C8 AQ (scale-up choice)	
L8 (Amino)	SunShell C8 (core-shell)	---	Accucore, Ascentis, Cortecs, Halo, Kinetex, Poroshell
	Surf Bio-C8 (300Å)	---	Ace 300, Inertsil WP300, Jupiter, Nucleosil 300, Symmetry 300, Zorbax 300
	Surf NH2	---	Ace, Inertsil, Luna, Nucleosil, YMC-Pack, Zorbax
L9 (SCX)	Surf S03H	---	Luna, Nucleosil, Partisil, Spherisorb
L10 (CN)	Surf CN	---	Ace, Inertsil, Luna, Nucleosil, Spherisorb, YMC-Pack, Zorbax
L11 (Phenyl)	Surf Phenyl	---	Ace, Inertsil, Luna, Nucleosil, Spherisorb, YMC-Pack, Zorbax
	Surf Phenyl-Hexyl	---	Accucore, Ascentis, Halo, Kinetex
	SunShell Phenyl (core-shell)	---	Accell Plus
L12 (Prep SAX)	Sepax Generik SAX	---	Accell Plus
L13 (C1)	Develosil TMS-UG	---	Hypersil, Kromasil, Spherisorb, YMC-Pack, Zorbax
L14 (SAX)	ReproSil-Saphir SAX	---	Hypersil, Nucleosil, PhenoSphere, Spherisorb, Zorbax
L15 (C6)	ReproSil-80 C6	---	PhenoSphere, Spherisorb
L16 (C2)	ReproSil-Gold C2	---	Maxsil, Nucleosil
L17 (PSDVB H+)	Hamilton HC-75 H+	ReproGel H	Aminex, HyperREZ, Nucleogel, Rezex, Shodex, Supelcogel

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L18 (NH ₂ + CN)	ReproSil PAC	---	Partisil
L19 (PSDVB Ca ⁺⁺)	Hamilton HC-75 Ca	ReproGel Ca	Aminex, Hi-Plex, HyperREZ, Nucleogel, Rezex, Shodex, Supelcogel
L20 (Diol)	Surf Diol	---	Kromasil, LiChrospher, Luna, Supelcosil, YMC-Pack
L21 (PSDVB)	Hamilton PRP-X	---	Nucleogel, PLRP-S, PolymerX, Shodex, TSKgel
L22 (PSDVB SCX)	ReproGel SCX	---	Hamilton, Nucleogel, Shodex, TSKgel
L23 (PMA WAX)	ReproMer HB-G	---	BioSuite, Hamilton, Nucleogel, Shodex, TSKgel
L24 (PVA)	YMC-Pack PVA-Sil	---	---
L25 (PMA ether-linked)	Shodex OHPak	---	Hypergel, PolySep-GFC, TSKGel
L26 (C4)	Surf C4	---	Ace, Hypersil, Nucleosil, YMC-Pack
	Surf Bio-C4	---	Ace, Jupiter, Nucleodur, Symmetry 300, Vydac, YMC-Pack Protein
	(300Å)	---	---
	Halo Protein C4 (particulas Core-Shell)	---	Aeris
L27 (Prep Silica)	Coral Si	---	HyperPrep, Sepra
L28 (C8/Amino)	Generik C8/Amino	---	---
L29 (Gamma Alumina)	Gammabond ARP-1	---	---
L30 (C2)	Sepax GP-C2	---	Maxsil, Nucleosil
L31 (WP SAX)	Dionex IonPac AS10	---	MCI Gel

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L32 (L-proline)	ReproSil-Chiral-L-Hydroxy-Proline	---	Astec, Chiralcel, Nucleosil
L33 (SEC)	ReproGel SEC	---	BioBasic, BioSep, Shodex Protein, TSKgel, Yarra
L34 (PSDVB Pb ⁺)	ReproGel Pb	---	Aminex, HyperREZ, Rezex, Shodex, Supelcogel
L35 (Diol SEC)	Zorbax GF	---	BioSep
L36 (L-phenylglycine)	ReproSil-Chiral-PhenylGlycine	---	Nucleosil
L37 (PMA)	ReproMer OH-60	---	PolySep, Shodex, TSKgel
L38 (PMA)	ReproMer OH	---	PolySep-GFC, Shodex, TSKgel, Ultrahydrogel
L39 (PMA)	Shodex SB400	---	PolySep, TSKgel, Ultrahydrogel
L40 (Cellulose)	ReproSil Chiral-OM	---	Chiralcel, Kromasil, Lux, YMC-Chiral
L41 (AGP)	Chiral AGP	---	---
L42 (C8/C18)	Hichrom RPB	---	---
L43 (PFP)	Sunniest PFP	---	Ace, Hypersil, Luna, YMC-Pack, XSelect
	SunShell PFP (core-shell)	---	Accucore, Ascentis, Halo, Kinetex, Nucleoshell
L44 (C8/SCX)	Generik C8/SCX	---	---
L45 (Betacycloc-dextrin)	ReproSil Chiral-Beta-CD	---	ChiraDex, Chiral CD-Ph, Nucleodex, Ultron ES
L46 (PSDVB QA)	ICSep AN1	---	CarboPac, OmniPac
L47 (PSDVB TMA)	Hamilton PRPX-110	---	CarboPac

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L48 (PSDVB WAX)	Dionex IonPac	---	---
L49 (Zirconia)	ZirChrom PBD	---	---
L50 (PEVB SAX)	Proteomix SAX-POR	---	OmniPac
L51 (Amylose)	ReproSil Chiral-AM	---	Chiralpak, Kromasil, Lux
L52 (SCX)	ReproSil-Saphir SCX	---	BioBasic, TSKgel
L53 (PEVB WCX)	Dionex IonPac CS14	---	---
L54 (Agarose beads)	Superdex Peptide HR 10/30	---	---
L55 (PBMA SCX)	IC-Pak C M/D	---	---
L56 (C3)	UltraSep ES RP3	---	Zorbax
L57 (Ovomucoid)	Ultron ES-OVM	---	---
L58 (PSDVB Na+)	ReproGel Na	---	Aminex, HyperREZ, Hi-Plex, Nucleogel, Rezex, Shodex
L59 (SEC)	ReproSil SEC	---	BioSep-SEC, BioSuite, Discov- ery BIO, Shodex KW, TSKgel, Yarra
L60 (C18/Amide)	ReproSil Amide-C18-ABZ	---	Discovery, Nucleosil, Polaris, Zorbax
	HALO RP-Amide (core-shell)	---	Ascentis
L61 (PEDV SAX)	Dionex IonPac AG11	---	---
L62 (C30)	Surf C30	---	Acclaim, Develosil, YMC Caro- thenoid
	SunShell RP-AQUA (core-shell)	---	Accucore

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L63 (Glycopep- tide teico- planin)	ReproSil Chiral-TAG	---	Astec Chirobiotic
L64 (PSDVB QA)	BioRad AG 1-X8	---	---
L65 (PSDVB AS)	BioRad AG 50W-X2	---	---
L66 (crown ether chiral)	Crownpak CR(+)	---	---
L67 (PVA C18)	Asahipak ODP-50	---	---
L68 (Amide)	SunShell HILIC-Amide	---	Acquity, TSKgel, XBridge
L69 (PEDVB QA)	Dionex CarboPac PA20	---	---
L70 (Cellulose TPC)	ReproSil Chiral-CM	---	Chiralcel
L71 (PMA)	Shodex RSpak DE	---	---
L72 (Phenylgly- cine + dini- troaniline)	Sumichiral OA-3000	---	---
L73 (PDVB)	ReproMer 100-RPS	---	---
L74 (PEDVB SAX)	Dionex IonPac AS14A	---	---
L75 (BSA)	ReproSil Chiral-BSA	---	Resolvosil
L76 (PBMA WCX)	Dionex IonPac SCS-1	---	Metrosep
L77 (PEDVB WCX)	Dionex IonPac CS17	---	---

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L78 (C8/QA)	Exsil Quattro	Stability BS	Acclaim
L79 (HSA)	ReproSil Chiral-HSA	---	Chiralpak
L80 (Cellulose)	ReproSil Chiral-JM	---	Chiralcel, Lux
L81 (PEDVB SAX)	Dionex IonPac AS11	---	---
L82 (Polymeric NH2)	Asahipak NH2P	---	---
L83 (PEDVB SAX)	Dionex IonPac AS17	---	---
L84 (PEDVB WCX)	Dionex IonPac CS16	---	---
L85 (C8/CM)	Acclaim WCX-1	---	---
L86 (OH5)	Ascentis Express OH5	---	---
L87 (C12)	ReproSpher-100 C12	---	Synergi
L90 (Amylose)	ReproSil Chiral-AMS	---	Chiralpak
L93 (Cellulose)	ReproSil Chiral-OM	---	Chiralpak
L107 (Cellulose)	ReproSil Chiral-JM	---	Chiralpak

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