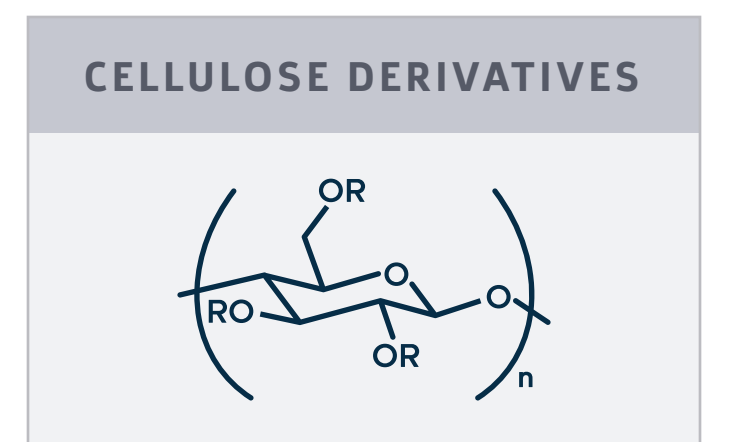
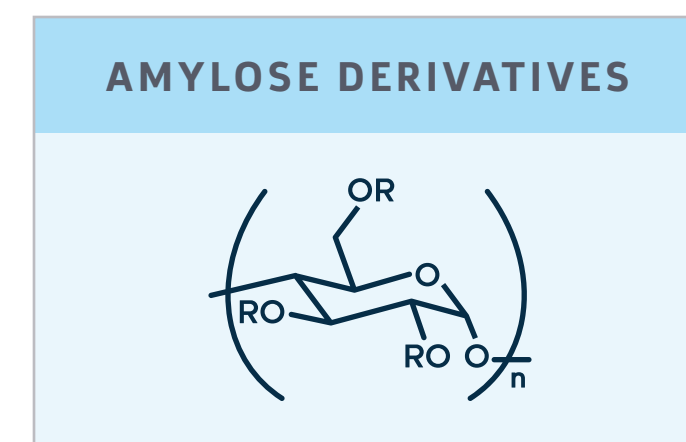
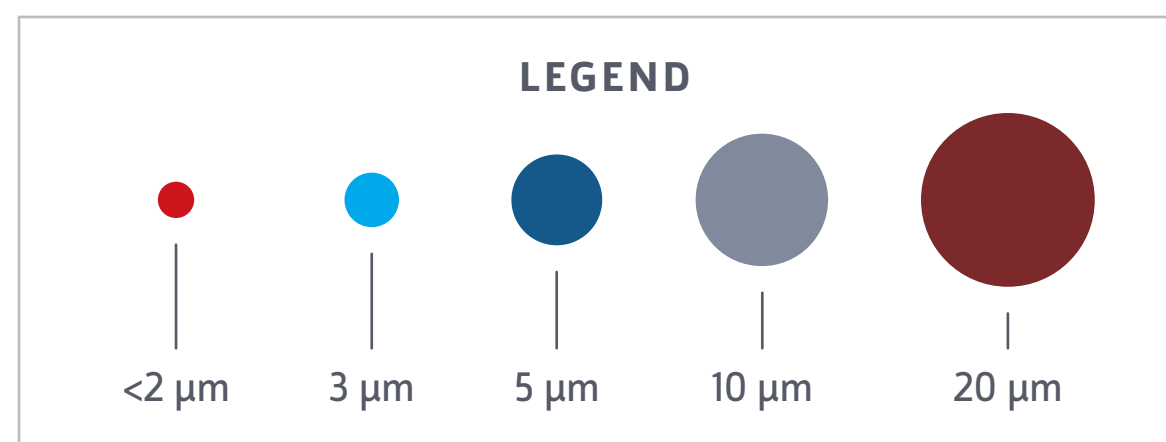
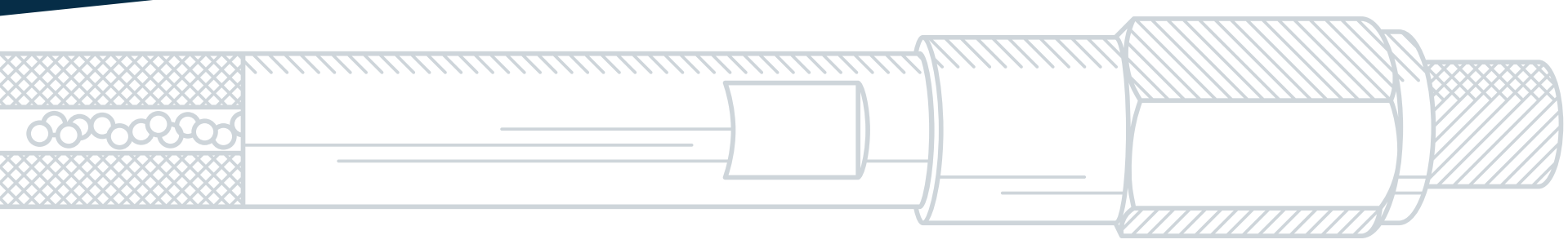


CHIRAL SELECTORS NAMES & STRUCTURES

Structures Of Commercially Available Daicel Chiral Stationary Phases



IMMOBILIZED POLYSACCHARIDE SELECTORS

PRIMARY SCREENING SET	CHIRALPAK® IA ● ● ● ● ● tris (3,5-dimethylphenylcarbamate)	CHIRALPAK IB (-N) ● ● ● ● ● tris (3,5-dimethylphenylcarbamate)
	CHIRALPAK IC ● ● ● ● ● tris (3,5-dichlorophenylcarbamate)	CHIRALPAK IG ● ● ● ● ● tris (3-chloro-5-methylphenylcarbamate)
	CHIRALPAK ID ● ● ● ● ● tris (3-chlorophenylcarbamate)	CHIRALPAK IE ● ● ● ● ● tris (3,5-dichlorophenylcarbamate)
	CHIRALPAK IF ● ● ● ● ● tris (3-chloro-4-methylphenylcarbamate)	CHIRALPAK IH ● ● ● ● ● tris (S)-α-methylbenzylcarbamate
	CHIRALPAK IJ ● ● ● ● ● tris (4-methylbenzoate)	CHIRALPAK IK ● ● ● ● ● tris (3-chloro-5-methylphenylcarbamate)
	Coming Soon	Coming Soon

COATED POLYSACCHARIDE SELECTORS

CHIRALPAK AD ● ● ● ● ● tris (3,5-dimethylphenylcarbamate)	CHIRALPAK AS ● ● ● ● ● tris (S)-α-methylbenzylcarbamate	CHIRALCEL® OD ● ● ● ● ● tris (3,5-dimethylphenylcarbamate)
CHIRALCEL OJ ● ● ● ● ● tris (4-methylbenzoate)	CHIRALPAK AY ● ● ● ● ● tris (5-chloro-2-methylphenylcarbamate)	CHIRALPAK AZ ● ● ● ● ● tris (3-chloro-4-methylphenylcarbamate)
CHIRALCEL OA ● ● ● ● ● Triacetate	CHIRALCEL OB ● ● ● ● ● Tribenzoate	CHIRALCEL OC ● ● ● ● ● tris (phenylcarbamate)
CHIRALCEL OF ● ● ● ● ● tris (4-chlorophenylcarbamate)	CHIRALCEL OG ● ● ● ● ● tris (4-methylphenylcarbamate)	CHIRALCEL OK ● ● ● ● ● Tricinamate
CHIRALCEL OX ● ● ● ● ● tris (4-chloro-3-methylphenylcarbamate)	CHIRALCEL OZ ● ● ● ● ● tris (3-chloro-4-methylphenylcarbamate)	

SELECTORS FOR SPECIAL APPLICATIONS

 ZWITTERION EXCHANGER CHIRALPAK ZWIX(+) ● ● Quinine-derived (8S, 9R)	 ANION EXCHANGER CHIRALPAK QN-AX ● ● ● ● ● O-9-(tert-butylcarbamoyl) quinine	LIGAND EXCHANGER CHIRALPAK MA(+) ● ● ● ● ● H ₃ C-C(=O)-OH H ₁₇ C ₈ -N-C ₈ H ₁₇	CROWN ETHER AND IMMOBILIZED CROWN ETHER CROWNPAK CR(+) ● ● ● ● ● CROWNPAK CR-I(+) ● ● ● ● ●
CHIRALPAK ZWIX(-) ● ● Quinidine-derived (8R, 9S)	CHIRALPAK QD-AX ● ● ● ● ● O-9-(tert-butylcarbamoyl) quinidine	CHIRALPAK WH ● ● ● ● ● 	CROWNPAK CR(-) ● ● ● ● ● CROWNPAK CR-I(-) ● ● ● ● ●

PROTEIN-BASED SELECTORS

CHIRALPAK AGP ● ● ● ● ●	α-acid glycoprotein
CHIRALPAK BSA ● ● ● ● ●	bovine serum albumin
CHIRALPAK CBH ● ● ● ● ●	cellobiohydrolase (stable enzyme)
CHIRALPAK DSA ● ● ● ● ●	dog serum albumin
CHIRALPAK HSA ● ● ● ● ●	human serum albumin
CHIRALPAK MSA ● ● ● ● ●	mouse serum albumin
CHIRALPAK PSA ● ● ● ● ●	pig serum albumin
CHIRALPAK RSA ● ● ● ● ●	rat serum albumin

USP CODE DESIGNATIONS

L32 CHIRALPAK WH	L40 CHIRALCEL OD CHIRALCEL OD-H CHIRALCEL OD-3	L41 CHIRALPAK AGP	L51 CHIRALPAK AD CHIRALPAK AD-H CHIRALPAK AD-3	L66 CROWNPAK CR(+)	L70 CHIRALCEL OC-H	L75 CHIRALPAK BSA	L79 CHIRALPAK HSA
L80 CHIRALCEL OJ CHIRALCEL OJ-H CHIRALCEL OJ-3	L90 CHIRALPAK AS CHIRALPAK AS-H CHIRALPAK AS-3	L93 CHIRALCEL OD-RH CHIRALCEL OD-3R	L99 CHIRALPAK IA CHIRALPAK IA-3	L107 CHIRALCEL OJ-RH CHIRALCEL OJ-3R	L108 CHIRALPAK CBH	L117 CROWNPAK CR(-)	L119 CHIRALPAK IC CHIRALPAK IC-3
L126 CHIRALPAK ID							