

4. Notice and Other Considerations

[1] The ChiralCE columns can be used under normal phase, reversed phase, and polar organic mobile phase conditions. It is strongly recommended to use 100% IPA as intermediate solvent when switching between different mobile phase conditions. Due to the high viscosity of the IPA, a low flow rate of about 0.1 mL/min should be applied in traditional HPLC in order to avoid extreme high pressure. However, there is no special flow rate limitation for UPLC.

[2] Diethylamine, butylamine, or amino ethyl alcohol (0.1%) can be used as mobile phase additives for basic compounds.

[3] Formic acid, acetic acid, or trifluoroacetic acid (0.1%) can be used as mobile phase additives for acidic compounds.

[4] Since the strong alkalic compounds (e.g., NaOH etc.) can cause damages to the ChiralCE column bed, they cannot be used as mobile phase additives or sample solution additives.

5. List of the ChiralCE Columns with Different Specifications

Product List of ChiralCE Columns from ChiralTek			
Part number	Type	Column Dimension	Remarks
812-CE1-01	ChiralCE-1	2µm, 50 x 2mm	Type 1 chemically-modified cellulose-bonded column
812-CE1-02	ChiralCE-1	2µm, 100 x 2mm	Type 1 chemically-modified cellulose-bonded column
812-CE1-03	ChiralCE-1	2µm, 150 x 2mm	Type 1 chemically-modified cellulose-bonded column
812-CE1-04	ChiralCE-1	2µm, 200 x 2mm	Type 1 chemically-modified cellulose-bonded column
812-CE1-05	ChiralCE-1	2µm, 250 x 2mm	Type 1 chemically-modified cellulose-bonded column
813-CE1-01	ChiralCE-1	3µm, 50 x 2mm	Type 1 chemically-modified cellulose-bonded column
813-CE1-02	ChiralCE-1	3µm, 100 x 2mm	Type 1 chemically-modified cellulose-bonded column
813-CE1-03	ChiralCE-1	3µm, 150 x 2mm	Type 1 chemically-modified cellulose-bonded column
813-CE1-04	ChiralCE-1	3µm, 200 x 2mm	Type 1 chemically-modified cellulose-bonded column
813-CE1-05	ChiralCE-1	3µm, 250 x 2mm	Type 1 chemically-modified cellulose-bonded column
812-CE2-01	ChiralCE-2	2µm, 50 x 2mm	Type 2 chemically-modified cellulose-bonded column
812-CE2-02	ChiralCE-2	2µm, 100 x 2mm	Type 2 chemically-modified cellulose-bonded column
812-CE2-03	ChiralCE-2	2µm, 150 x 2mm	Type 2 chemically-modified cellulose-bonded column
812-CE2-04	ChiralCE-2	2µm, 200 x 2mm	Type 2 chemically-modified cellulose-bonded column
812-CE2-05	ChiralCE-2	2µm, 250 x 2mm	Type 2 chemically-modified cellulose-bonded column
813-CE2-01	ChiralCE-2	3µm, 50 x 2mm	Type 2 chemically-modified cellulose-bonded column
813-CE2-02	ChiralCE-2	3µm, 100 x 2mm	Type 2 chemically-modified cellulose-bonded column
813-CE2-03	ChiralCE-2	3µm, 150 x 2mm	Type 2 chemically-modified cellulose-bonded column
813-CE2-04	ChiralCE-2	3µm, 200 x 2mm	Type 2 chemically-modified cellulose-bonded column
813-CE2-05	ChiralCE-2	3µm, 250 x 2mm	Type 2 chemically-modified cellulose-bonded column

This manual may not be updated on time, please visit English website <http://chiraltek-column.com/Downloads.php> or Chinese website <http://cbook.antpedia.com/6755> for downloading the latest version of full product manual and application notes for ChiralCE columns.

Please call an international phone number (+65)-93656129 to directly contact ChiralTek technical support team in Singapore. You also can call a special local phone number (+86)-95040358310 in the mainland of China to directly contact ChiralTek support team in Singapore.