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2008-2009 CATALOG





Luknova® Inc. is a leading supplier of flash chromatography consumables and their accessories. We design, manufacture, and distribute high-performance packed flash columns, solid load columns, solid phase extraction (SPE) columns, column adaptors, and high purity silica gel for organic compound separation and purification. Luknova developed high quality flash columns using our proprietary design and our undisclosed unique packing technology. We have management and operation facilities in New Jersey and Massachusetts.

Our products have been distributed worldwide, including North America, Europe, and Asia. Our customers come from pharmaceutical industry, biotechnology, and chemical research companies and laboratories. Luknova provides customers not only innovative products but also cost-effective solutions.



TABLE OF CONTENTS

Proprietary Column Design	2
Prepacked Flash Columns	3–6
Normal Phase Silica	3
Reversed Phase (C-18) Silica	4
Amine-Functionalized Silica	4
Cyano-Functionalized Silica	5
Diol-Functionalized Silica	5
SAX-Functionalized Silica	6
SCX-Functionalized Silica	6
Solid Load Cartridges and SPE	7
Empty Solid Load and SPE	7
Prepacked Solid Load and SPE	7
Proprietary Empty Columns	8
Reusable Empty Columns	8
Frits for Luknova® Columns	8
Sorbent for Chromatography	9
Adaptor for Biotage System	9
Solvent and Column Selection Guide	10
How to Order	Back Cover

PROPRIETARY COLUMN DESIGN AND EXCELLENT QUALITY



Luknova® flash column body is designed by using our proprietary technology, comprising of:

- (1) PERFORATED CAP
- (2) SEALING INSERT
- (3) INLET FILTER
- (4) OUTLET FILTER
- (5) COLUMN BODY



(1)



(2)



(3)

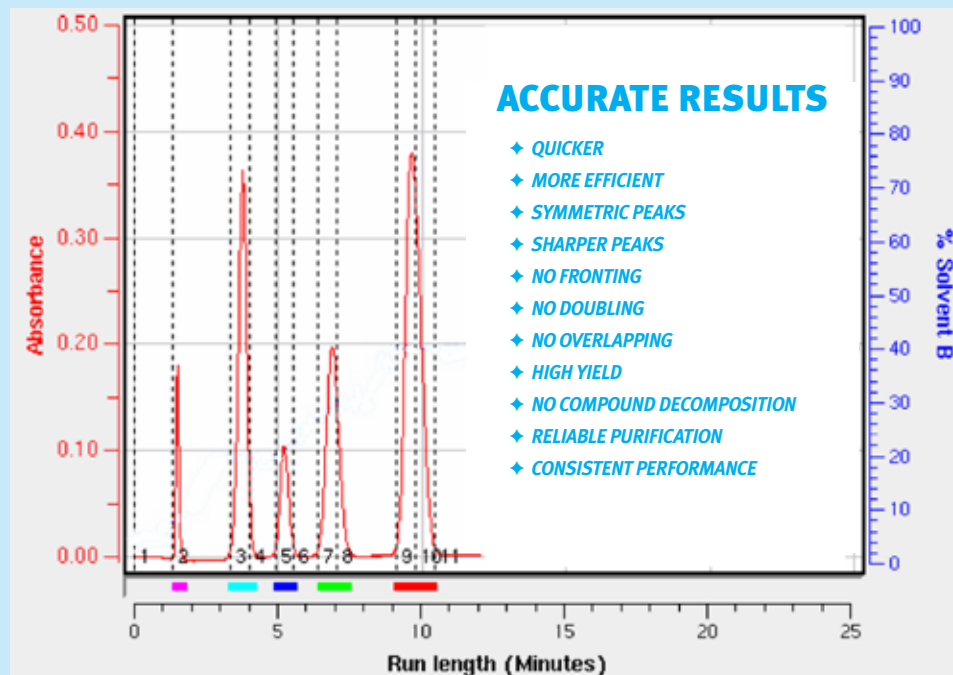


(4)

Luknova® flash columns are packed with high purity silica gel by using our undisclosed uniform packing technology. High purity silica gel with narrow particle size distribution and special packing technology guarantee the packed column to exhibit excellent purification and separation performance. The columns are compatible with all the purification systems.

FACTORS THAT DETERMINE LUKNOVA'S® HIGH QUALITY:

- ULTRA PURE SILICA GEL
- NARROW PARTICLE SIZE DISTRIBUTION
- UNIFORM COLUMN PACKING
- INNOVATIVE COLUMN DESIGN
- CONSISTENT QUALITY CONTROL



(5)

NORMAL PHASE SILICA COLUMNS

Technical Specifications

Normal phase silica gel
230-400 mesh particle size
Pore size 60 angstrom
Pore volume 0.75 ml/g
Surface area 500 m²/g
pH range 6.8-7.2



Luknova® normal phase silica gel columns are designed for flash purification of organic compounds with sample loading up to 10% of packed mass. The columns are disposable and reusable. Quality silica gel with narrow particle size distribution and high purity enables significant improvement in purification efficiency, resolution, and column reproducibility. Narrow pH range prevents the compound decomposition at room temperature.

Solvent compatibility: Most of the organic solvents
Storage: Keep dry and room temperature
Column pre-equilibrium is highly recommended.

Loading Capacity, Flow Rate Range, and Dimension

Column size	4g	12g	25g	40g	80g	120g	240g	330g
Sample size	4-400mg	12mg-1.2g	25mg-2.5g	40mg-4g	80mg-8g	0.12-12 g	0.24-24g	0.33-33g
Flow rate, ml/min	15-20	20-40	25-50	30-60	40-80	60-120	70-180	80-180
Dimension (ID x Length) mm x mm	16 x 100	23 x 120	25 x 140	30 x 170	37 x 230	40 x 260	65 x 200	65 x 265

Luer endfittings, compatible with all purification systems

Luknova® Normal Phase Silica Columns

Column Size	Catalog No.	Description
Luknova® 4g	FC003004	Flash columns prepacked with 4g normal phase silica gel, 40/pkg.
	FC003004-0	Flash columns prepacked with 4g normal phase silica gel, 480/pkg.
Luknova® 12g	FC003012	Flash columns prepacked with 12g normal phase silica gel, 30/pkg.
	FC003012-0	Flash columns prepacked with 12g normal phase silica gel, 360/pkg.
NEW Luknova® 25g	FC003025	Flash columns prepacked with 25g normal phase silica gel, 25/pkg.
	FC003025-0	Flash columns prepacked with 25g normal phase silica gel, 300/pkg.
Luknova® 40g	FC003040	Flash columns prepacked with 40g normal phase silica gel, 20/pkg.
	FC003040-0	Flash columns prepacked with 40g normal phase silica gel, 240/pkg.
Luknova® 80g	FC003080	Flash columns prepacked with 80g normal phase silica gel, 10/pkg.
	FC003080-0	Flash columns prepacked with 80g normal phase silica gel, 80/pkg.
Luknova® 120g	FC003120	Flash columns prepacked with 120g normal phase silica gel, 8/pkg.
	FC003120-0	Flash columns prepacked with 120g normal phase silica gel, 64/pkg.
NEW Luknova® 240g	FC003240	Flash columns prepacked with 240g normal phase silica gel, 4/pkg.
	FC003240-0	Flash columns prepacked with 240g normal phase silica gel, 32/pkg.
Luknova® 330g	FC003330	Flash columns prepacked with 330g normal phase silica gel, 4/pkg.
	FC003330-0	Flash columns prepacked with 330g normal phase silica gel, 32/pkg.

REVERSED PHASE (C-18) SILICA COLUMNS



Technical Specifications

Reusable
230-400 mesh particle size
C-18 content 23%
Pore size 60 angstrom
Pore volume 0.75 ml/g
Surface area 500 m²/g

The C-18 reversed-phase columns are packed with endcapped C18-bonded silica gel to purify medium to high polarity and ionic compounds. High loading with uniform distribution provides the highest degree of

Solvent compatibility: All solvents, aqueous and organic
Storage: Keep dry and room temperature
Column pre-equilibrium is highly recommended.

hydrophobicity and capacity with sample loading up to 3% of packed mass. C18-bonded silica gel is considered as the least selective packing media since it interacts with a wide range of organic molecules. This column is also used for the separation of biomolecules in ion-pairing chromatography.

Loading Capacity and Flow Rate Range

Column size	5g	16g	34g	55g	110g	165g	330g	440g
Sample size	5-150mg	16mg-0.5g	34mg-1.0g	50mg-1.6g	0.1g-3.3g	0.17-4.9g	0.3-9.9g	0.4-13g
Flow rate, ml/min	15-20	20-40	25-50	30-60	40-80	60-120	70-180	80-180

Reversed Phase (C-18) Silica Columns

Column Size	Catalog No.	Description
Luknova® 5g	FR005-1	C18-functionalized silica preppacked reverse phase columns, 5.5g, 2/pkg.
Luknova® 16g	FR016-1	C18-functionalized silica preppacked reverse phase columns, 16.5g, 1/pkg.
Luknova® 34g	FR034-1	C18-functionalized silica preppacked reverse phase columns, 34.4g, 1/pkg.
Luknova® 55g	FR055-1	C18-functionalized silica preppacked reverse phase columns, 55.0g, 1/pkg.
Luknova® 110g	FR110-1	C18-functionalized silica preppacked reverse phase columns, 110g, 1/pkg.
Luknova® 165g	FR165-1	C18-functionalized silica preppacked reverse phase columns, 165g, 1/pkg.
Luknova® 330g	FR330-1	C18-functionalized silica preppacked reverse phase columns, 330g, 1/pkg.
Luknova® 440g	FR440-1	C18-functionalized silica preppacked reverse phase columns, 440g, 1/pkg.



Technical Specifications

Reusable
230-400 mesh particle size
Amine content 8%
Pore size 60 angstrom
Pore volume 0.75 ml/g
Surface area 500 m²/g

AMINE-FUNCTIONALIZED SILICA COLUMNS

Luknova® amine columns (Si-NH₂) are packed with amine-functionalized silica gel to purify the compounds with basic properties. They can be used in both normal and reversed-phase chromatography. In reversed-phase application, a mobile phase modifier such as TEA required for normal phase silica is not needed. In normal phase application, they can be used in the separation of peptides, drugs, and metabolites from physiological fluids as well as mono- and polysaccharides. Sample loading capacity is up to 3% of packed mass.

Solvent compatibility: All solvents, aqueous and organic
Storage: Keep dry and cool (<8°C)
Column pre-equilibrium is highly recommended.

Amine-Functionalized Silica Columns

Column Size	Catalog No.	Description
Luknova® 5g	FAM005-1	Amine-functionalized silica preppacked columns, 5.5g, 2/pkg.
Luknova® 16g	FAM016-1	Amine-functionalized silica preppacked columns, 16.5g, 1/pkg.
Luknova® 34g	FAM034-1	Amine-functionalized silica preppacked columns, 34.4g, 1/pkg.
Luknova® 55g	FAM055-1	Amine-functionalized silica preppacked columns, 55.0g, 1/pkg.
Luknova® 110g	FAM110-1	Amine-functionalized silica preppacked columns, 110g, 1/pkg.
Luknova® 165g	FAM165-1	Amine-functionalized silica preppacked columns, 165g, 1/pkg.
Luknova® 330g	FAM330-1	Amine-functionalized silica preppacked columns, 330g, 1/pkg.
Luknova® 440g	FAM440-1	Amine-functionalized silica preppacked columns, 440g, 1/pkg.

CYANO-FUNCTIONALIZED SILICA COLUMNS



Technical Specifications

Reusable
230-400 mesh particle size
Cyanopropyl content 8.5%
Pore size 60 angstrom
Pore volume 0.75 ml/g
Surface area 500 m²/g



Luknova® cyano columns (Si-CN) are packed with endcapped cyanopropyl-functionalized silica gel with intermediate polarity which falls between normal and reversed phase silica gel. They can be used in both normal and reversed-phase chromatography. They are similar to Luknova® C-18 reversed-phase columns under reversed-phase conditions, although the elution order of compounds may be different. In normal phase application with similar solvent, cyano silica performs similarly to normal phase silica. These columns are especially useful at extremes in the polarity scale due to reduced retention time and improved separation quality. Sample loading capacity is up to 3% of packed mass.

Solvent compatibility: All solvents, aqueous and organic
Storage: Keep dry and room temperature
Column pre-equilibrium is highly recommended.

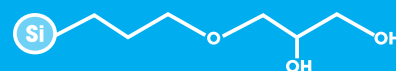
Cyano-Functionalized Silica Columns

Column Size	Catalog No.	Description
Luknova® 5g	FCY005-1	Cyano-functionalized silica prepacked columns, 5.5g, 2/pkg.
Luknova® 16g	FCY016-1	Cyano-functionalized silica prepacked columns, 16.5g, 1/pkg.
Luknova® 34g	FCY034-1	Cyano-functionalized silica prepacked columns, 34.4g, 1/pkg.
Luknova® 55g	FCY055-1	Cyano-functionalized silica prepacked columns, 55.0g, 1/pkg.
Luknova® 110g	FCY110-1	Cyano-functionalized silica prepacked columns, 110g, 1/pkg.
Luknova® 165g	FCY165-1	Cyano-functionalized silica prepacked columns, 165g, 1/pkg.
Luknova® 330g	FCY330-1	Cyano-functionalized silica prepacked columns, 330g, 1/pkg.
Luknova® 440g	FCY440-1	Cyano-functionalized silica prepacked columns, 440g, 1/pkg.

DIOL-FUNCTIONALIZED SILICA COLUMNS

Luknova® Diol columns are packed with Diol-functionalized silica gel to bring an alternative to normal phase columns for difficult separations of low to medium polarity samples. The sorbent is less polar and has a longer retention time than normal phase silica gel. Because the Diol-functionalized silica gel is capable of forming hydrogen bonds due to OH groups, it can separate structural isomers. Sample loading capacity is up to 3% of packed mass.

Solvent compatibility: All solvents, aqueous and organic
Storage: Keep dry and room temperature
Column pre-equilibrium is highly recommended.



Technical Specifications

Reusable
230-400 mesh particle size
Diol content 8%
Pore size 60 angstrom
Pore volume 0.75 ml/g
Surface area 500 m²/g

Diol-Functionalized Silica Columns

Column Size	Catalog No.	Description
Luknova® 5g	FDL005-1	Diol-functionalized silica prepacked columns, 5.5g, 2/pkg.
Luknova® 16g	FDL016-1	Diol-functionalized silica prepacked columns, 16.5g, 1/pkg.
Luknova® 34g	FDL034-1	Diol-functionalized silica prepacked columns, 34.4g, 1/pkg.
Luknova® 55g	FDL055-1	Diol-functionalized silica prepacked columns, 55.0g, 1/pkg.
Luknova® 110g	FDL110-1	Diol-functionalized silica prepacked columns, 110g, 1/pkg.
Luknova® 165g	FDL165-1	Diol-functionalized silica prepacked columns, 165g, 1/pkg.
Luknova® 330g	FDL330-1	Diol-functionalized silica prepacked columns, 330g, 1/pkg.
Luknova® 440g	FDL440-1	Diol-functionalized silica prepacked columns, 440g, 1/pkg.

SAX-FUNCTIONALIZED SILICA COLUMNS



Technical Specifications

Reusable
230-400 mesh particle size
SAX content 8%
Pore size 60 angstrom
Pore volume 0.75 ml/g
Surface area 500 m²/g

Luknova® SAX columns are packed with Strong Anion Exchanger (SAX)-functionalized silica gel to purify acidic products. Since SAX-functionalized silica gel fully retains acidic compounds, it is particularly used as a clean-up tool for the “catch & release” purification of weak acid compounds. Sample loading capacity is up to 3% of packed mass.

Solvent compatibility: All solvents, aqueous and organic
Storage: Keep dry and room temperature
Column pre-equilibrium is highly recommended.

SAX-Functionalized Silica Columns

Column Size	Catalog No.	Description
Luknova® 5g	FSA005-1	SAX-functionalized silica prepacked columns, 5.5g, 2/pkg.
Luknova® 16g	FSA016-1	SAX-functionalized silica prepacked columns, 16.5g, 1/pkg.
Luknova® 34g	FSA034-1	SAX-functionalized silica prepacked columns, 34.4g, 1/pkg.
Luknova® 55g	FSA055-1	SAX-functionalized silica prepacked columns, 55.0g, 1/pkg.
Luknova® 110g	FSA110-1	SAX-functionalized silica prepacked columns, 110g, 1/pkg.
Luknova® 165g	FSA165-1	SAX-functionalized silica prepacked columns, 165g, 1/pkg.
Luknova® 330g	FSA330-1	SAX-functionalized silica prepacked columns, 330g, 1/pkg.
Luknova® 440g	FSA440-1	SAX-functionalized silica prepacked columns, 440g, 1/pkg.



Technical Specifications

Reusable
230-400 mesh particle size
SCX content 11%
Pore size 60 angstrom
Pore volume 0.75 ml/g
Surface area 500 m²/g

SCX-FUNCTIONALIZED SILICA COLUMNS

Luknova® SCX columns are packed with Strong Cation Exchanger (SCX)-functionalized silica gel to purify basic products, such as basic peptides or proteins. Since SCX-functionalized silica gel fully retains basic compounds, it is particularly used as a clean-up tool for the “catch & release” purification of amine-type weak base compounds. Sample loading capacity is up to 3% of packed mass.

Solvent compatibility: All solvents, aqueous and organic
Storage: Keep dry and room temperature
Column pre-equilibrium is highly recommended.

SCX-Functionalized Silica Columns

Column Size	Catalog No.	Description
Luknova® 5g	FSC005-1	SCX-functionalized silica prepacked columns, 5.5g, 2/pkg.
Luknova® 16g	FSC016-1	SCX-functionalized silica prepacked columns, 16.5g, 1/pkg.
Luknova® 34g	FSC034-1	SCX-functionalized silica prepacked columns, 34.4g, 1/pkg.
Luknova® 55g	FSC055-1	SCX-functionalized silica prepacked columns, 55.0g, 1/pkg.
Luknova® 110g	FSC110-1	SCX-functionalized silica prepacked columns, 110g, 1/pkg.
Luknova® 165g	FSC165-1	SCX-functionalized silica prepacked columns, 165g, 1/pkg.
Luknova® 330g	FSC330-1	SCX-functionalized silica prepacked columns, 330g, 1/pkg.
Luknova® 440g	FSC440-1	SCX-functionalized silica prepacked columns, 440g, 1/pkg.

SOLID LOAD CARTRIDGES (SPE COLUMNS) COMPATIBLE WITH ISCO



Solid Loading and Solid Phase Extraction (SPE) are widely used techniques for chemicals separation that uses a solid phase and a liquid phase to isolate individual components from a solution. They are usually used to load low-solubility sample or clean up contaminants from sample and yield a clean sample for subsequent chromatographic analysis. Luknova® Isco-type solid load cartridges and SPE columns are constructed by high purity polypropylene with the lowest possible amount of extractibles.

Solid Load Cartridges (SPE Columns) Compatible with ISCO

Size	Catalog No.	Description	Application
		Empty Solid Load Cartridges (SPE Columns) (Compatible with ISCO)	
5g	SPE05-80	5-g Solid Load Cartridge (SPE Column), empty, 80/pkg.	Solid Load Cartridge For dry-loading and SPE.
	SPE05-960	5-g Solid Load Cartridge (SPE Column), empty, 960/pkg.	
25g	SPE25-20	25-g Solid Load Cartridge (SPE Column), empty, 20/pkg.	
	SPE25-240	25-g Solid Load Cartridge (SPE Column), empty, 240/pkg.	
		Preloaded Solid Load Cartridges (SPE Columns) (Compatible with ISCO)	
5g-Silica	SPE05A5	5-g Solid Load Cartridge (SPE column), preloaded 5g silica, 80/pkg.	Removal of baseline impurities from reaction mixtures. Condition with organic solvent prior to loading sample and keep column wet. Total amount of the sample should be less than the packed media with an eluting arte of about 1ml/min.
	SPE05A5-0	5-g Solid Load Cartridge (SPE column), preloaded 5g silica, 960/pkg.	
10g-Silica	SPE25A10	25-g Solid Load Cartridge (SPE column), preloaded 10g silica, 20/pkg.	
	SPE25A10-0	25-g Solid Load Cartridge (SPE column), preloaded 10g silica, 240/pkg.	
20g-Silica	SPE25A20	25-g Solid Load Cartridge (SPE column), preloaded 20g silica, 20/pkg.	
	SPE25A20-0	25-g Solid Load Cartridge (SPE column), preloaded 20g silica, 240/pkg.	
0.5g-C18	SPE05C18	5-g Solid Load Cartridge (SPE column), preloaded 0.5g C18, 40/pkg.	Analysis of drugs and metabolites from physiological fluids.
1.0g-C18	SPE05C181	5-g Solid Load Cartridge (SPE column), preloaded 1.0g C18, 40/pkg.	
5.0g-C18	SPE25C18	25-g Solid Load Cartridge (SPE column), preloaded 5.0g C18, 20/pkg.	
0.5g-Amine	SPE05AM	5-g Solid Load Cartridge (SPE column), preloaded 0.5g amine, 40/pkg.	Scavenging of electrophiles such as isocyanates and acid chlorides and some acidic compounds
1.0g-Amine	SPE05AM1	5-g Solid Load Cartridge (SPE column), preloaded 1.0g amine, 40/pkg.	
5.0g-Amine	SPE25AM	25-g Solid Load Cartridge (SPE column), preloaded 5.0g amine, 20/pkg.	
0.5g-Cyano	SPE05CY	5-g Solid Load Cartridge (SPE column), preloaded 0.5g cyano, 40/pkg.	Analysis of drugs and metabolites from physiological fluids
1.0g-Cyano	SPE05CY1	5-g Solid Load Cartridge (SPE column), preloaded 1.0g cyano, 40/pkg.	
5.0g-Cyano	SPE25CY	25-g Solid Load Cartridge (SPE column), preloaded 5.0g cyano, 20/pkg.	
0.5g-Diol	SPE05DL	5-g Solid Load Cartridge (SPE column), preloaded 0.5g diol, 40/pkg.	Isolation of drugs and metabolites from physiological fluids
1.0g-Diol	SPE05DL1	5-g Solid Load Cartridge (SPE column), preloaded 1.0g diol, 40/pkg.	
5.0g-Diol	SPE25DL	25-g Solid Load Cartridge (SPE column), preloaded 5.0g diol, 20/pkg.	
0.5g-SAX	SPE05SA	5-g Solid Load Cartridge (SPE column), preloaded 0.5g SAX, 40/pkg.	“catch & release” purification of carboxylic acids and scavenging of all types of acidic compounds. ^a
1.0g-SAX	SPE05SA1	5-g Solid Load Cartridge (SPE column), preloaded 1.0g SAX, 40/pkg.	
5.0g-SAX	SPE25SA	25-g Solid Load Cartridge (SPE column), preloaded 5.0g SAX, 20/pkg.	
0.5g-SCX	SPE05SC	5-g Solid Load Cartridge (SPE column), preloaded 0.5g SCX, 40/pkg.	“catch & release” purification of amine-type weak base compounds. ^b
1.0g-SCX	SPE05SC1	5-g Solid Load Cartridge (SPE column), preloaded 1.0g SCX, 40/pkg.	
5.0g-SCX	SPE25SC	25-g Solid Load Cartridge (SPE column), preloaded 5.0g SCX, 20/pkg.	

NOTE: SPE columns should be conditioned with solvent prior to loading sample and kept wet. Total amount of the sample should be less than the packed media with an eluting rate of about 1ml/min. An incubation period of up to 30 mins is recommended for unreactive compounds.

a—Condition with MeOH or DCM prior to loading sample and wash with 5% AcOH/MeOH to release acids.

b—Condition with MeOH or DCM prior to loading sample and wash with 5% NH₃/MeOH or NEt₃/DCM to release amines.

PROPRIETARY REUSABLE EMPTY COLUMNS & SOLID LOADING



- ♦ **No plunger**
- ♦ **No O-rings**
- ♦ **No spills and splashes**
- ♦ **No clumsy external spring**
- ♦ **No maintenance**
- ♦ **Easy loading new packing materials**
- ♦ **Easy unloading used packing materials**
- ♦ **Polypropylene construction**
- ♦ **Compatible with all common solvents**
- ♦ **Reusable, disposable, and easy reassembly**

Luknova® Proprietary Reusable Empty Columns & Solid Loading

Size	Catalog No.	Description (Luer endfittings, compatible with all purification systems)	Dimension
4g	FC003004-1	Complete set of empty columns, able to load 4g normal phase silica, 40/pkg.	16 x 100 (ID x Length) mm x mm
	FC003004-2	Complete set of empty columns, able to load 4g normal phase silica, 480/pkg.	
12g	FC003012-1	Complete set of empty columns, able to load 12g normal phase silica, 30/pkg.	23 x 120 (ID x Length) mm x mm
	FC003012-2	Complete set of empty columns, able to load 12g normal phase silica, 360/pkg.	
25g	FC003025-1	Complete set of empty columns, able to load 25g normal phase silica, 25/pkg.	25 x 140 (ID x Length) mm x mm
	FC003025-2	Complete set of empty columns, able to load 25g normal phase silica, 300/pkg.	
40g	FC003040-1	Complete set of empty columns, able to load 40g normal phase silica, 20/pkg.	30 x 170 (ID x Length) mm x mm
	FC003040-2	Complete set of empty columns, able to load 40g normal phase silica, 240/pkg.	
80g	FC003080-1	Complete set of empty columns, able to load 80g normal phase silica, 10/pkg.	37 x 230 (ID x Length) mm x mm
	FC003080-2	Complete set of empty columns, able to load 80g normal phase silica, 80/pkg.	
120g	FC003120-1	Complete set of empty columns, able to load 120g normal phase silica, 8/pkg.	40 x 260 (ID x Length) mm x mm
	FC003120-2	Complete set of empty columns, able to load 120g normal phase silica, 64/pkg.	
240g	FC003240-1	Complete set of empty columns, able to load 240g normal phase silica, 4/pkg.	65 x 200 (ID x Length) mm x mm
	FC003240-2	Complete set of empty columns, able to load 240g normal phase silica, 32/pkg.	
330g	FC003330-1	Complete set of empty columns, able to load 330g normal phase silica, 4/pkg.	65 x 265 (ID x Length) mm x mm
	FC003330-2	Complete set of empty columns, able to load 330g normal phase silica, 32/pkg.	

Frits for Luknova® Columns

Column Size	Catalog No.	Description
Luknova® 4g	FC003004-7	Top and bottom frits for Luknova 4g column, 100 pairs/pkg.
Luknova® 12g	FC003012-7	Top and bottom frits for Luknova 12g column, 100 pairs/pkg.
NEW Luknova® 25g	FC003025-7	Top and bottom frits for Luknova 25g column, 100 pairs/pkg.
Luknova® 40g	FC003040-7	Top and bottom frits for Luknova 40g column, 100 pairs/pkg.
Luknova® 80g	FC003080-7	Top and bottom frits for Luknova 80g column, 100 pairs/pkg.
Luknova® 120g	FC003120-7	Top and bottom frits for Luknova 120g column, 100 pairs/pkg.
Luknova® 240g	FC003240-7	Top and bottom frits for Luknova 240g column, 100 pairs/pkg.
Luknova® 330g	FC003330-7	Top and bottom frits for Luknova 330g column, 100 pairs/pkg.

SORBENT FOR CHROMATOGRAPHY



- ♦ Pore size: 60 Å
- ♦ Pore volume: 0.75 ml/g
- ♦ Specific surface area 500 m²/g
- ♦ pH : 6.8-7.2

Luknova® is offering high quality silica gel and functionalized silica gel for column chromatography. The high purity, narrow particle size distribution, low fines, and narrow pH balance enable faster and efficient purification and separation performance.

Sorbent for Chromatography

Sorbent	Catalog No.	Description
Silica gel	SG230400-25	Normal phase silica gel, 230-400 mesh, 25kg/drum.
	SG230400-100	Normal phase silica gel, 230-400 mesh, 4 drums of 25kg/drum.
C-18	SGFLASHC18-1	Octadecyl, endcapped C18-functionalized silica, 50 µm average, 1kg.
Amine	SGFLASHAM-1	Aminopropyl-functionalized silica gel, 50 µm average, 1kg.
Cyano	SGFLASHCY-1	Endcapped, cyanopropyl-functionalized silica, 50 µm average, 1kg.
Diol	SGFLASHDL-1	Diol-functionalized silica gel, 50 µm average, 1kg.
SAX	SGFLASHSAX-1	Strong anion exchange-functionalized silica, 50 µm average, 1kg.
SCX	SGFLASHSCX-1	Strong cation exchange-functionalized silica, 50 µm average, 1kg.

ADAPTOR FOR BIOTAGE SYSTEM



Biotage System Conversion Kits

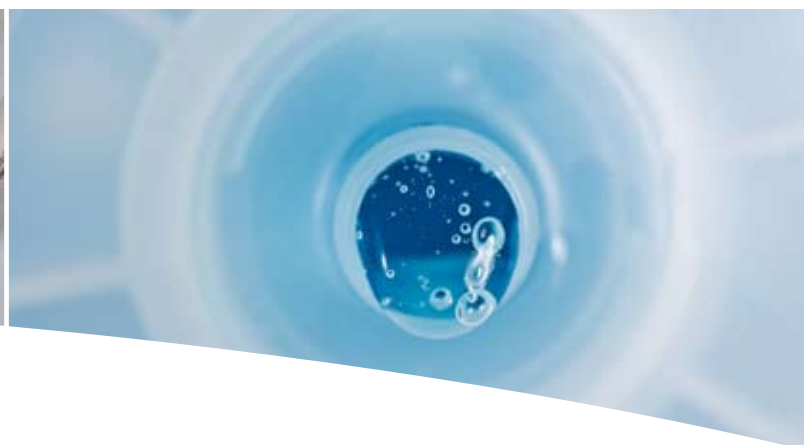
Catalog No.	Description
LK1688	Biotage system conversion kits for SP1, SP4, and Horizon (to use Luknova® columns in Biotage system), 1 set/pkg.

Biotage system conversion kits for Biotage Horizon, SP1, and SP4 systems, less expensive line connection as shown left is recommended by using luer fittings and lines to employ Luknova® Flash Columns.

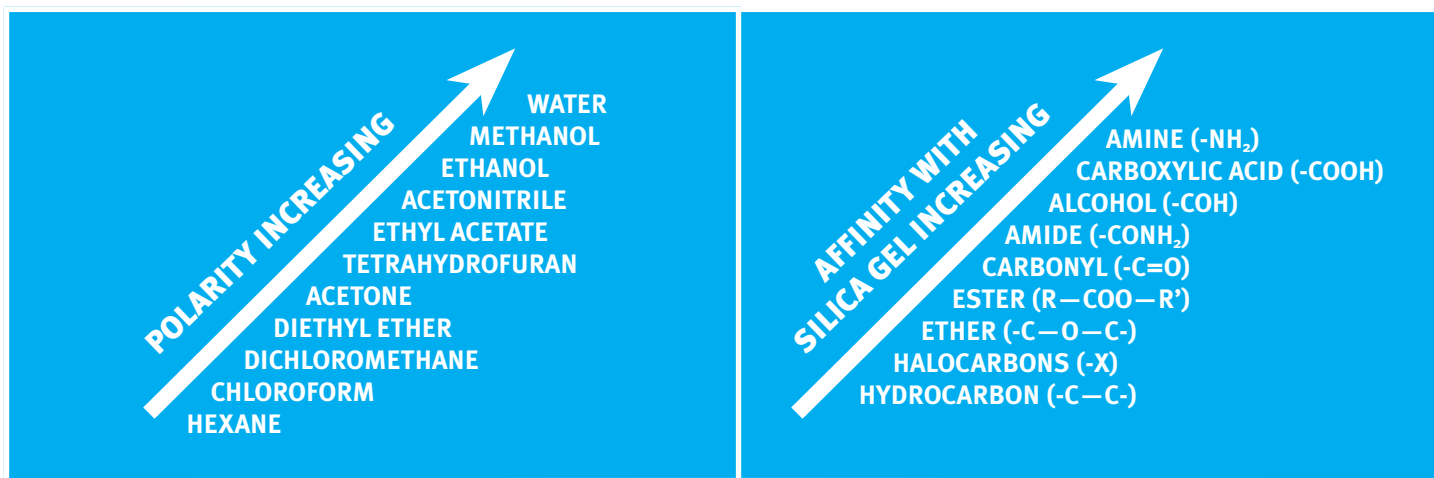
The top connection line which comes from the pump outlet connects to the column inlet via red-black adapter. The column outlet is connected to the UV detector inlet.



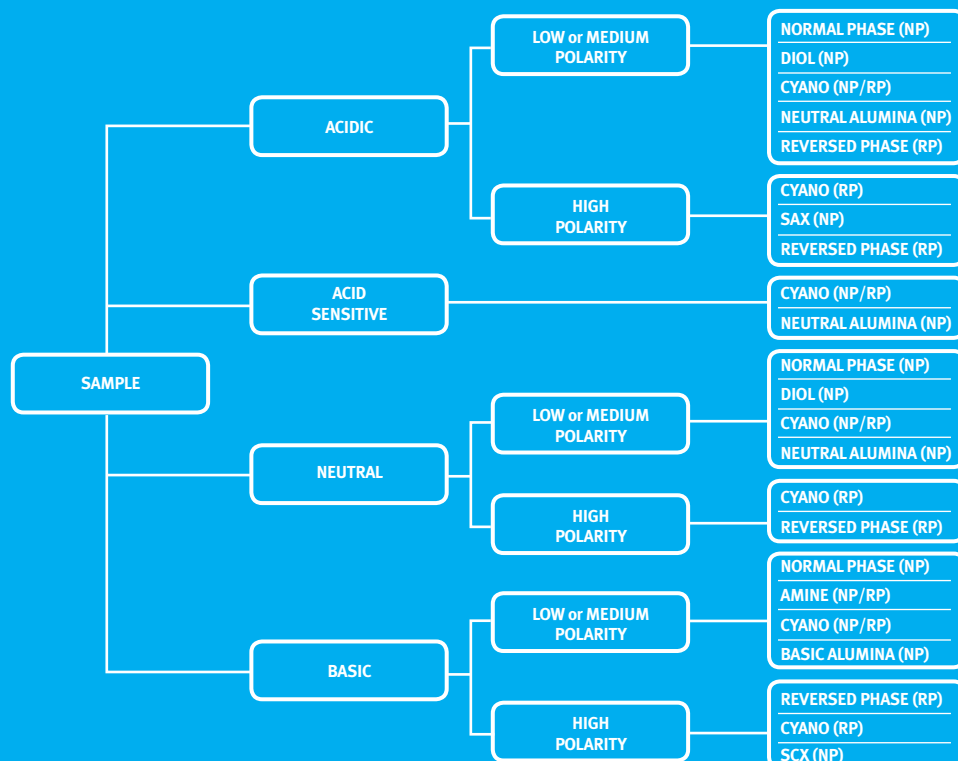
SOLVENT AND COLUMN MEDIA SELECTION GUIDE



Common Solvent Polarity/Solubility and Affinity of Functional Groups with Silica Gel



Flash Column Media Selection Guide



HOW TO ORDER

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