

TSKgel® Super Series Reversed Phase Columns

TSKgel Super-ODS • TSKgel Super-Octyl • TSKgel Super-Phenyl

TSKgel
PRODUCT OVERVIEW

Introduction

The TSKgel Super series columns, composed of TSKgel Super-ODS, Super-Octyl and Super-Phenyl, are high performance columns combining superior resolution and speed for reversed phase chromatography separations. These columns, packed with a 2µm, 140Å pore size spherical silica packing, are provided in three different functionalities for the selectivity you require. The high purity 2µm porous silica packing has no metallic sites to cause band broadening and the high level of endcapping prevents secondary interactions between your sample and the column packing.

The 2µm porous silica packing also provides a large surface area and higher loading capacity than similar non-porous materials. The narrow

particle size distribution results in low backpressures, comparable to columns packed with 3µm particles, and provides column efficiencies of more than 160,000 plates per meter. The main advantages of the TSKgel Super series columns are savings in time and solvent usage, in addition to the improved quantitation resulting from reduced band broadening.

Product Highlights

- Super resolution with a 2µm porous silica particle size
- Super fast separations with analysis times of 1 to 10 minutes
- Super efficiencies - more than 160,000 TP/meter at flow rates ranging from 1 to 3mL/min

Figure 1. Rapid Separation of Protein Mixture on TSKgel Super Series Columns

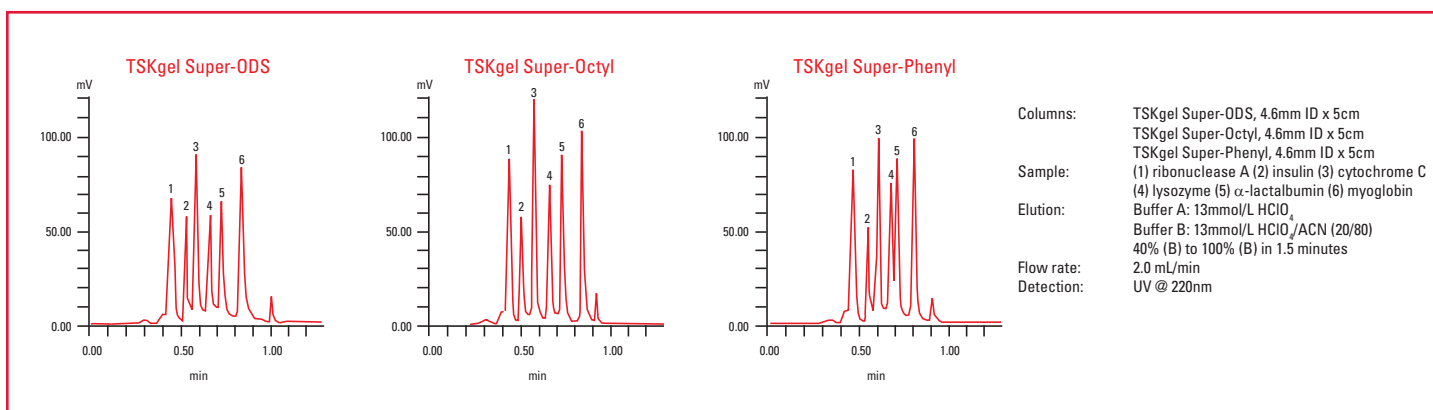
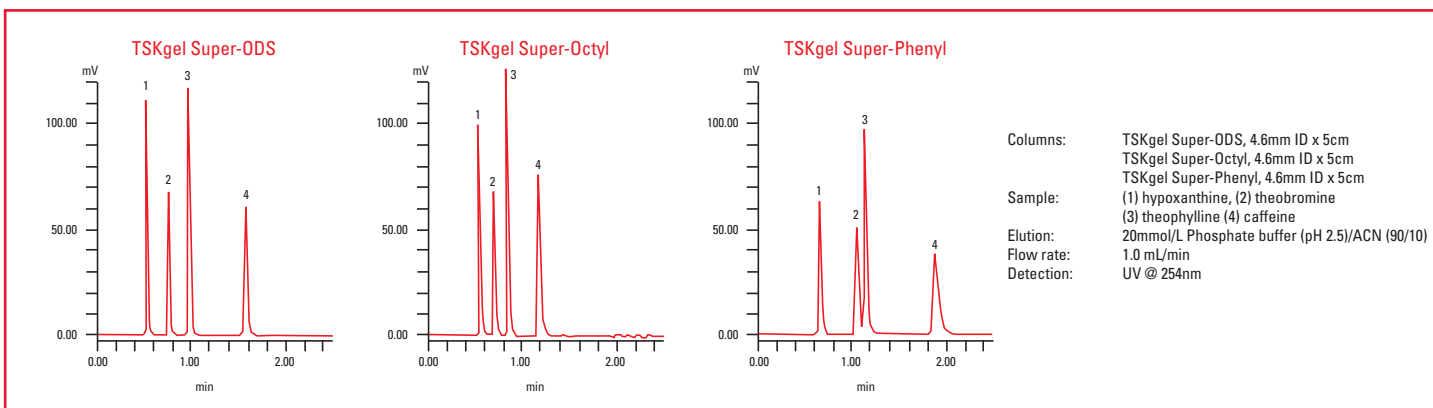


Figure 2. Rapid Separation of Drugs on TSKgel Super Series Columns



Ordering Information

Part #	Description	Matrix	Housing	ID (mm)	Length (cm)
20015	TSKgel Super-ODS, 2µm, 140Å	Silica	Stainless Steel	1	5
20016	TSKgel Super-ODS, 2µm, 140Å	Silica	Stainless Steel	1	10
19541	TSKgel Super-ODS, 2µm, 140Å	Silica	Stainless Steel	2	5
19542	TSKgel Super-ODS, 2µm, 140Å	Silica	Stainless Steel	2	10
18154	TSKgel Super-ODS, 2µm, 140Å	Silica	Stainless Steel	4.6	5
18197	TSKgel Super-ODS, 2µm, 140Å	Silica	Stainless Steel	4.6	10
19672	Guard Cartridge for 2mm ID Super-ODS columns, 3pk	Silica	Stainless Steel	2	1
20013	TSKgel Super-Octyl, 2µm, 140Å	Silica	Stainless Steel	2	5
20014	TSKgel Super-Octyl, 2µm, 140Å	Silica	Stainless Steel	2	10
18275	TSKgel Super-Octyl, 2µm, 140Å	Silica	Stainless Steel	4.6	5
18276	TSKgel Super-Octyl, 2µm, 140Å	Silica	Stainless Steel	4.6	10
42176	Guard Cartridge for 2mm ID Super-Octyl columns, 3pk	Silica	Stainless Steel	2	1
20017	TSKgel Super-Phenyl, 2µm, 140Å	Silica	Stainless Steel	2	5
20018	TSKgel Super-Phenyl, 2µm, 140Å	Silica	Stainless Steel	2	10
18277	TSKgel Super-Phenyl, 2µm, 140Å	Silica	Stainless Steel	4.6	5
18278	TSKgel Super-Phenyl, 2µm, 140Å	Silica	Stainless Steel	4.6	10
42177	Guard Cartridge for 2mm ID Super-Phenyl columns, 3pk	Silica	Stainless Steel	2	1
19308	Guard Cartridge Holder for 2mm ID cartridges	Silica	Stainless Steel	2	1
18207	Guardfilter for 4.6mm ID columns, 3pk	Silica	Stainless Steel	4	0.4
18206	Guardfilter Holders for guardfilters	Silica	Stainless Steel	-	-



TOSOH

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