

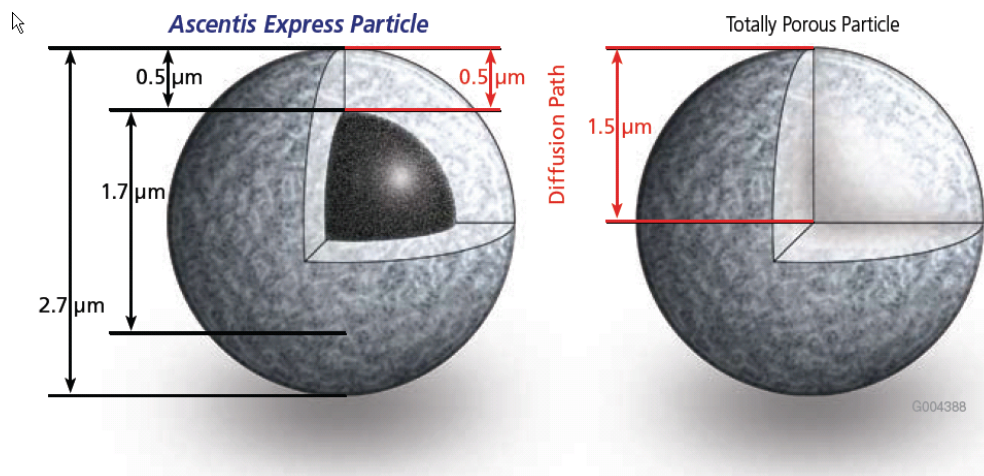
Try now the breakthrough in HPLC performance. Sigma Aldrich offers you an 30 day trial that will change your professional life.

Based on Fused-Core™ particle technology, Ascentis Express provides the benefits of high speed and high efficiencies of sub-2 μm particles at much lower backpressures. Due to the high efficiencies at low backpressures, Ascentis Express can benefit both conventional HPLC users as well as UPLC™ or other ultra pressure system users.

Ascentis Express Extreme Performance benefits include:

- Double the efficiencies of conventional 3 μm particles
- Equal efficiencies of sub-2 μm columns at half of the backpressure
- Rugged design capable of high pressure operation
- Reduced solvent consumption

Figure 1. Fused-Core Structure of Ascentis Express Compared to Totally Porous Particles



30 day trial how does it work:

- Contact your local Sigma Aldrich office.
- Give the details of the Ascentis Express that you want on trial.
- When you receive the column the 30 day trial starts.
- After 30 days you can buy the column or send it back.

Contact:

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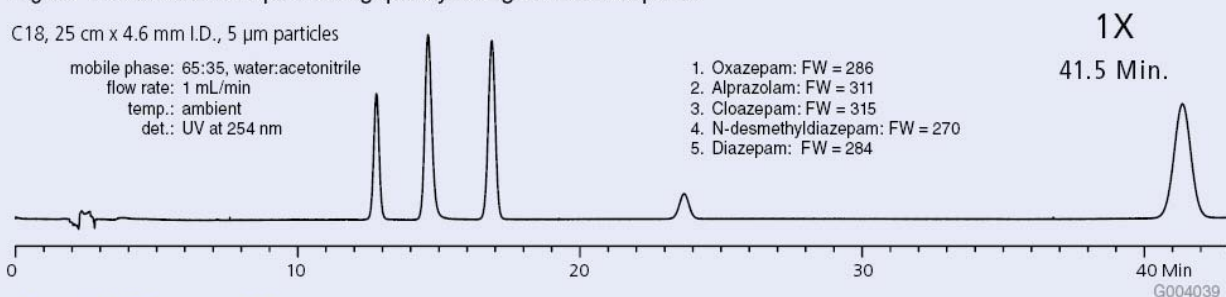
Analytical columns

ID (mm)	Length (cm)	Ascentis Express C18	Ascentis Express C8	Ascentis Express RP-Amide	Ascentis Express HILIC
2.1	3	53802-U	53839-U	53910-U	53933-U
2.1	5	53822-U	53831-U	53911-U	53934-U
2.1	7.5	53804-U	53843-U	53912-U	53938-U
2.1	10	53823-U	53832-U	53913-U	53939-U
2.1	15	53825-U	53834-U	53914-U	53946-U
3.0	3	53805-U	53844-U	53915-U	53964-U
3.0	5	53811-U	53848-U	53916-U	53967-U
3.0	7.5	53812-U	53849-U	53917-U	53969-U
3.0	10	53814-U	53852-U	53918-U	53970-U
3.0	15	53816-U	53853-U	53919-U	53972-U
4.6	3	53818-U	53857-U	53921-U	53974-U
4.6	5	53826-U	53836-U	53922-U	53975-U
4.6	7.5	53819-U	53858-U	53923-U	53977-U
4.6	10	53827-U	53837-U	53929-U	53979-U
4.6	15	53829-U	53838-U	53931-U	53981-U

Capillary columns

	Ascentis Express C18 Length		Ascentis Express C8 Length	
	5 cm	15 cm	5 cm	15 cm
75 μ m I.D.	53982-U	54219-U	53983-U	54229-U
100 μ m I.D.	53985-U	54256-U	53987-U	54260-U
200 μ m I.D.	53989-U	54261-U	53991-U	54262-U
300 μ m I.D.	53992-U	54271-U	53997-U	54272-U
500 μ m I.D.	53998-U	54273-U	53999-U	54275-U

Figure 12. Increase Sample Throughput by Using Ascentis Express



Ascentis Express C18, 10 cm x 4.6 mm I.D., 2.7 μ m particles (53827-U)

