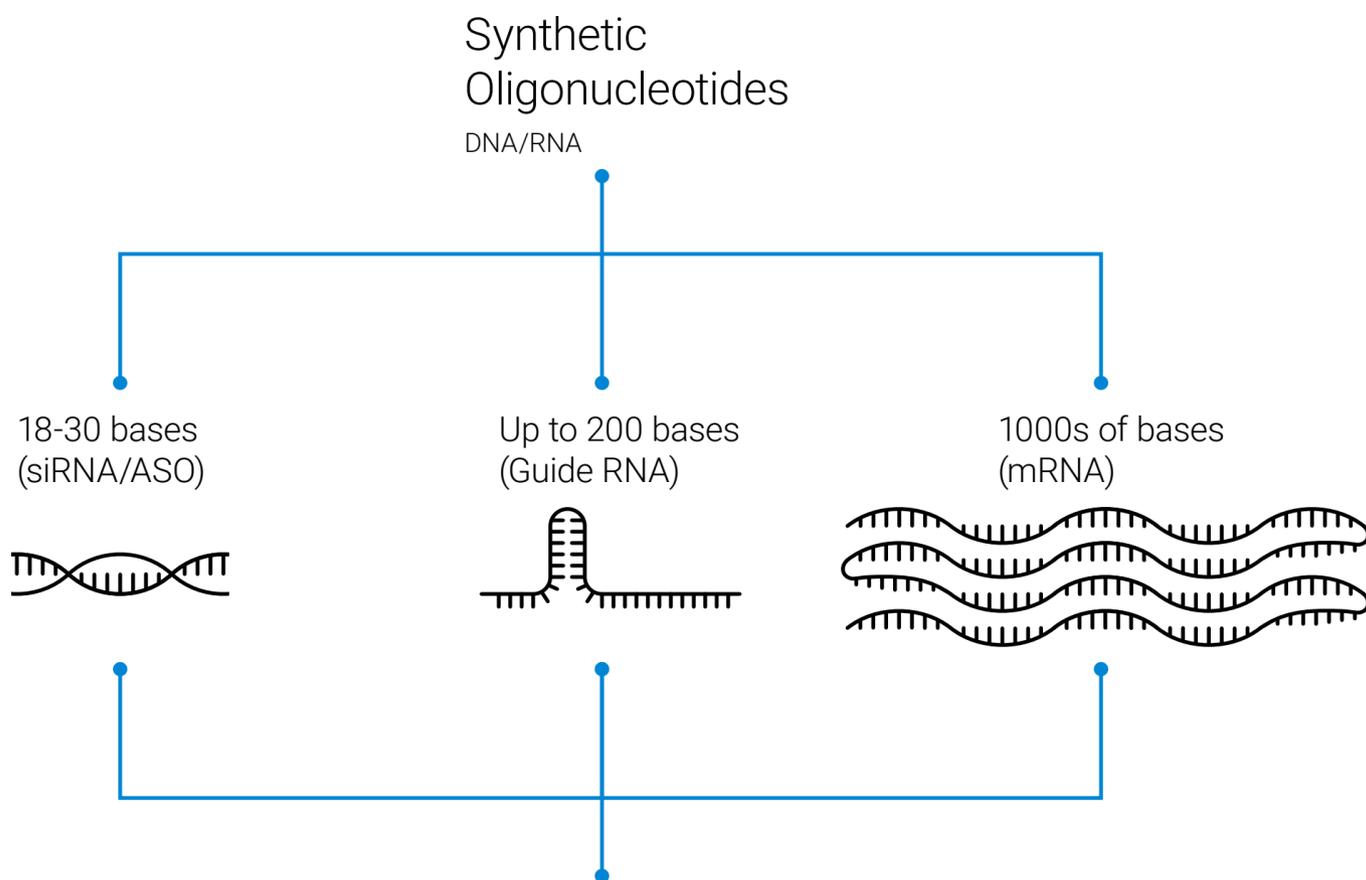


# Purification Your Way: siRNA to mRNA

Agilent recognizes the diversity of the oligonucleotide landscape, offering the optimal chemistry and pore size no matter your molecule size or purification scale.



From analytical to prep scale, Agilent offers scalable column chemistries for oligonucleotide purification including ion pair reversed-phase or anion exchange.



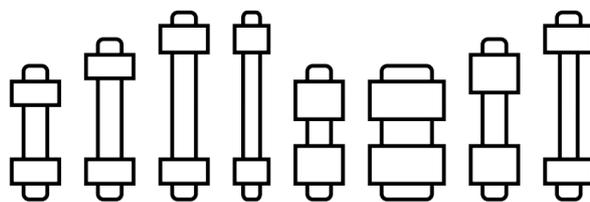
**Ion Pair Reversed-Phase with PLRP-S** uses organic solvents and volatile ion-pairing agents, and is suitable for LC/MS. This technique is best performed with high-efficiency separations.  
**Available in 3, 5, 8, 10, 15, 20 and 30  $\mu\text{m}$  particles**



**Anion Exchange with PL-SAX** with a strong anion exchange functionality, covalently links to a fully porous chemically stable polymer, extending the operating pH and temperature.  
**Available in 5, 8, 10 and 30  $\mu\text{m}$  particles**

Pore sizes	siRNA/ASO	Guide RNA	mRNA
100 Å			
300 Å			
1000 Å			
4000 Å			

Choosing the right pore size is an important factor for large molecules like oligonucleotides. Agilent offers a range of pore sizes to find the balance between resolution and binding capacity.



Having the same quality stationary phase available in the scale needed is critical – from analytical dimensions, semi-prep and prep, to bulk material – Agilent PLRP-S and PL-SAX columns allow you to utilize the same optimized chemistry regardless of the scale of production.

Learn more

[www.agilent.com/chem/oligonucleotide-analysis](http://www.agilent.com/chem/oligonucleotide-analysis)

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Trusted Answers