

Harvard/AmiKa Sample Prep Pipette Tips

PrepTip™

How PrepTips are Used

Mechanism of Binding	Type of Functional Groups Bound	Sample Solvents Bound from...	Elute Bound Compounds with...	Types of Tip Coating Available
Reverse Phase Extraction	Nonpolar groups (e.g. aromatic and alkyl groups)	Polar solutions (e.g. aqueous buffers)	Polar solvents (e.g. acetonitrile, methanol and water)	C4, C8, C18, Hydrophobic polymer
Normal Phase Extraction	Polar groups (e.g. hydroxyl and amine groups)	Nonpolar solvents	Nonpolar solvents (e.g. hexane, methylene chloride)	Silica, Amino, Cyano, Hydrophilic
Cation Exchange	Positively charged groups (e.g. amines)	Low ionic strength aqueous solutions	Ionic buffers (e.g. acetate, citrate and phosphate)	Weak cation exchanger, Strong cation exchanger
Anion Exchange	Negatively charged groups (e.g. organic acids)	Low ionic strength aqueous solutions	Ionic buffers (e.g. phosphate and acetate)	Weak anion exchanger, Strong anion exchanger

PrepTip: Ordering Information

	Coating Material	1 to 10µl Tips		10 to 100µl Tips		100 to 500µl Tips		
		Qty. of 24	Qty. of 96	Qty. of 24	Qty. of 96	Qty. of 24	Qty. of 96	
Hydrophilic (polar)	C4	CGS-8397.39	CGS-8410.39	CGS-8423.39	CGS-8436.39	CGS-8449.39	CGS-8462.39	
	C8	CGS-8398.39	CGS-8411.39	CGS-8424.39	CGS-8437.39	CGS-8450.39	CGS-8463.39	
	C18	CGS-8399.39	CGS-8412.39	CGS-8425.39	CGS-8438.39	CGS-8451.39	CGS-8464.39	
	Hydrophobic Polymer	CGS-8400.39	CGS-8413.39	CGS-8426.39	CGS-8439.39	CGS-8452.39	CGS-8465.39	
	Silica	CGS-8401.39	CGS-8414.39	CGS-8427.39	CGS-8440.39	CGS-8453.39	CGS-8466.39	
	Amino	CGS-8402.39	CGS-8415.39	CGS-8428.39	CGS-8441.39	CGS-8454.39	CGS-8467.39	
	Cyano	CGS-8403.39	CGS-8416.39	CGS-8429.39	CGS-8442.39	CGS-8455.39	CGS-8468.39	
	Hydrophilic	CGS-8404.39	CGS-8417.39	CGS-8430.39	CGS-8443.39	CGS-8456.39	CGS-8469.39	
	Ion Exchange	Weak Anion	CGS-8405.39	CGS-8418.39	CGS-8431.39	CGS-8444.39	CGS-8457.39	CGS-8470.39
		Strong Anion	CGS-8406.39	CGS-8419.39	CGS-8432.39	CGS-8445.39	CGS-8458.39	CGS-8471.39
Weak Cation		CGS-8407.39	CGS-8420.39	CGS-8433.39	CGS-8446.39	CGS-8459.39	CGS-8472.39	
Strong Cation		CGS-8408.39	CGS-8421.39	CGS-8434.39	CGS-8447.39	CGS-8460.39	CGS-8473.39	
Affinity Purification	IMAC	CGS-8409.39	CGS-8422.39	CGS-8435.39	CGS-8448.39	CGS-8461.39	CGS-8474.39	