



## UptiTip™ Coated Silica

*Sample Preparation Extraction (SPE) of micro quantities.*

**These instructions are common for all of the reversed-phase tips**

<b>Catalog # :</b>	BI5010	0.1-10 µl	96 U	<b>UptiTip™ Coated C18</b>
	BI5020	10-200 µl	96 U	
	BI5030	0.1-10 µl	96 U	<b>UptiTip™ Coated C08</b>
	BI5040	10-200 µl	96 U	
	BI5050	0.1-10 µl	96 U	<b>UptiTip™ Coated C04</b>
	BI5060	10-200 µl	96 U	

**Applications :** Universal trapping and concentration of peptides ; removal of salts. This permits the elution of peptides in minimal volumes and minimizes the potential for sample loss. The capacity of these items are for samples 0.1-10 µl or 1-25 µl.

### **Directions for use**

#### **Recommended solvents**

Binding solution : 0.1% formic acid or 0.05% TFA.

Releasing solution : Same plus 60% acetonitrile (ACN), propanol or methanol (use more or less organic solvent depending on the polarity of the peptides).

#### **Conditioning procedure**

Attach the UptiTip™ to a micropipette and aspirate/expel 10 µl or 20 µl of the appropriate Releasing solution 5 times, and wash 3 times with Binding solution.

### **Protocol of use**

#### **Sample Binding**

Aspirate/expel the sample 0.1-10 µl (1—10 µl UptiTip) or 1-25 µl (10—200 µl UptiTip) 20-50x (or higher depending on sample volume and concentration of biomolecule) to allow the peptides to adsorb to the RPC material.

#### **Sample Washing**

Aspirate/expel 10 µl (1—10 µl UptiTip) or 20 µl (10—200 µl UptiTip) volumes of the binding solution 10x, discarding the expelled solution each time.

#### **Sample Release**

Aspirate/expel 0.1-10 µl (1—10 µl UptiTip) or 1-10 µl (10—200 µl UptiTip) of releasing solution 10 times, collecting the expelled solution in a suitable clean tube [NOTE: *It's a good idea to prewash collection tubes to eliminate leachable contaminants*]. Repeat with a fresh portion of releasing solution if you want to be sure of releasing and collecting all of the adsorbed peptide. Evaporate the solvent or proceed directly to the next analysis.

For in vitro R&D use only

Please contact Uptima – Interchim for any other information