



Continuation

Pipettor tips, ZipTip®



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Recommended equipment Manual liquid handling

ZipTip® are recommended for use with most single-channel pipettors. The Fisherbrand® multichannel pipettor is recommended.

Automated liquid handling

ZipTip® tips are proven for use on PE Biosystems SymBiot sample workstations for Biospectrometry, Genomic Solutions ProMS Sample Preparation Station, Bruker Daltonics MAP II and MAP II/8 MALDI AutoPrep Systems, Micromass 2700-MS Sample Preparation Station and MassPREP Station, CyBio CyBi-Well 96 automated pipettor for use with 96 well microplates.

Material	Polypropylene Pipettor tip
Resin:	
ZipTip® C ₁₈ and ZipTip® μ-C ₁₈	Silica, 15μm, 200Å pore size
ZipTip® C ₂	Silica, 15μm, 200Å pore size
ZipTip® MC	IDA, 15μm, 300Å pore size
ZipTip® SCX	Strong cation exchange, 12μm, 300Å pore size

Volumes	
Pipettor tip, μL	10 (P-10)
Resin bed	Standard bed: 0.6μL, micro bed 0.2μL

Capacity	
ZipTip® C ₁₈	>1.0μg (typically 5μg)
ZipTip® μ-C ₁₈	Typically 2.0μg
ZipTip® C ₂	>0.5μg (typically 3.3μg)
ZipTip® MC	Typically 400μg

All values apply when used with saturating amounts of analysis

Technical Specification - Specific

Length, mm	31 (tip)
I.D. x O.D., mm	3.375 x 5.8 (top)
Temperature, °C	4 to 70
pH	1.5 to 13.5 2 to 12 for 24hr exposure (range)

Catalogue No	Alt. No	Description	Pack qty
FDR-597-010P	ZTC18S008	ZipTip® C ₁₈ , resealable tray	8
FDR-597-030J	ZTC18S096	ZipTip® C ₁₈ , tip rack	96
FDR-597-040G	ZTC18S960	ZipTip® C ₁₈ , tip racks 10 x 96	960
FDR-598-030D	ZTC04S096	ZipTip® C ₂ , tip rack	96
FDR-599-035K	ZTC04S008	ZipTip® C ₂ , resealable tray	8
FDR-598-050U	ZTC04S096	ZipTip® C ₂ , tip racks 10 x 96	96
FDR-598-070X	ZTC18M008	ZipTip® C ₁₈ micro-bed, resealable tray	8
FDR-599-005T	ZTC18M024	ZipTip® C ₁₈ micro-bed, resealable tray	24
FDR-599-010D	ZTC18M096	ZipTip® C ₁₈ micro-bed, tip rack	96
FDR-599-030U	ZTC18M960	ZipTip® C ₁₈ micro-bed, tip racks 10 x 96	960
FDR-599-305H	ZTSCXS008	ZipTip® with 0.6μL strong cation resin	8
FDR-599-315E	ZTSCXS096	ZipTip® with 0.6μL strong cation resin	96



Filter devices, centrifugal tubes, Vivapure® C₁₈



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Vivapure® C₁₈ Micro-spin columns are centrifugal membrane-based devices for concentration, purification and desalting of peptides prior to analysis by mass spectrometry.

- Fast sample preparation for mass spectrometry
- Centrifugal format
- High volume capacity
- Low elution volume
- Parallel processing
- High reproducibility
- Elution in matrix

With Vivapure® C₁₈ micro spin columns, a few centrifugation steps replace the tedious repetitive pipetting procedure for sample preparation prior to MALDI MS analysis.

The columns are prepacked with a membrane containing C₁₈ hydrophobic chains for reversed-phase affinity chromatography. The columns are the size of standard microcentrifuge tubes. Samples are easily processed in parallel, and the tiny elution volumes are thoroughly collected in the included microtubes. The Vivapure® C₁₈ spin columns offer a very fast and effective method to simultaneously desalt and concentrate up to 200μL of highly dilute peptide solutions from any source (2D-PAGE, chromatographic methods or biological samples).

Technical Specification - General	
Binding capacity	5μg (standard digestion)
Volume, μL	200 per centrifuge run (max.) 3 (elution, min.)

Catalogue No	Alt. No	Description
FDP-895-350W	VS-RP218L24	24 Vivapure® C ₁₈ micro-spin columns, 24 micro collection tubes (200μL), 48 collection tubes (2mL)