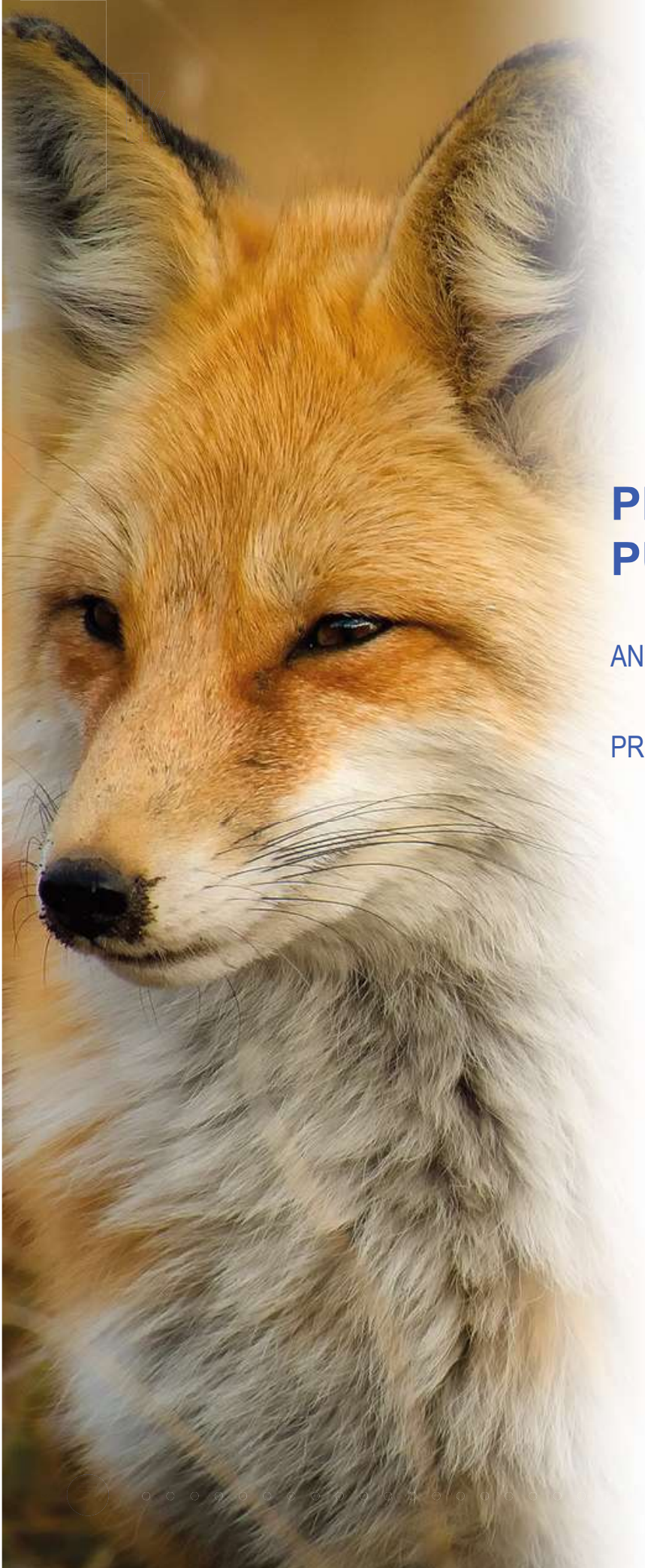


A close-up, high-resolution photograph of a fox's face, showing its orange fur, white underbelly, and sharp features. The fox is looking slightly to the left. The image is partially obscured by a white overlay on the right side where the text is located.

PROTEIN PURIFICATION

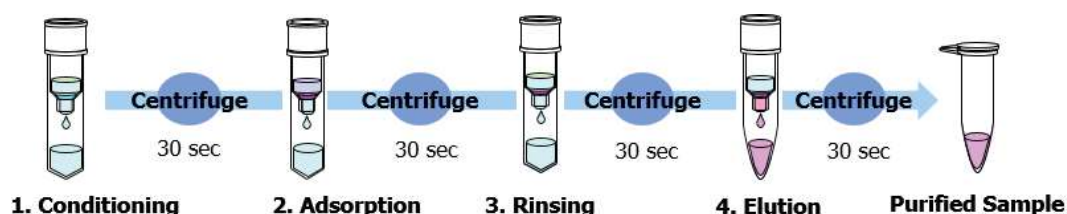
ANTIBODY PURIFICATION COLUMNS

PROTEOMIC RELATED PRODUCTS



MONOSPIN PRoA, MONOSPIN PRoG

MonoSpin ProA, MonoSpin ProG are immobilized with protein A or protein G onto a silica monolith offering rapid purification of antibodies



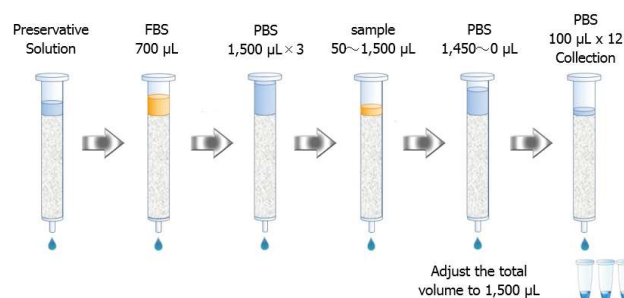
Only 10 mins antibody can be purified by centrifuge

Description	Transportation	Qty.	Cat.No.
MonoSpin ProA Column Type	Refrigerate	10pcs	TR-BG1-3000
MonoSpin ProG Column Type	Refrigerate	10pcs	TR-BG1-3001
MonoSpin ProA 96-Well Plate Type	Refrigerate	1pc	TR-BG1-3002
MonoSpin ProG 96-Well Plate Type	Refrigerate	1pc	TR-BG1-3003
MonoSpin L ProA	Refrigerate	4pcs	TR-BG1-3004
MonoSpin L ProG	Refrigerate	4pcs	TR-BG1-3005
MonoSpin ProA/G Buffer kit	Refrigerate	1/pk	TR-BG1-3006

PROTEOMIC RELATED PRODUCTS

Exosomes Purification Column EVSecond

EVSecond is a size exclusion chromatography open column optimized for effective purification of exosomes. Highly-purified exosomes can be easily collected from serum, plasma, or cell culture supernatant.

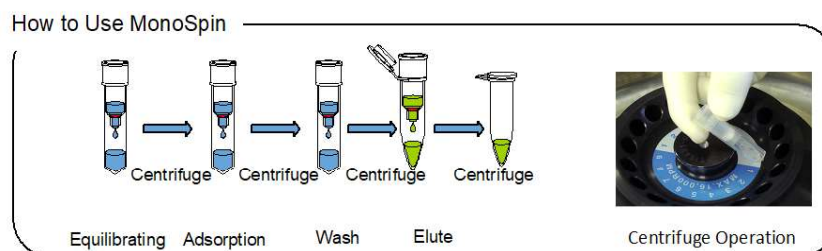


Description	Transportation	Qty.	Cat.No
EVSecond L70	Refrigerate	10pcs	TR-BG1-3007
EVSecond	Refrigerate	10pcs	TR-BG1-3008
EVSecond	Refrigerate	25pcs	TR-BG1-3009

Tk Proteomic Related Products

Tryptic Digestion Column MonoTip Trypsin HP

The MonoSpin Trypsin HP (High Performance) is a trypsin-immobilized monolithic silica delivering rapid and highly efficient tryptic digests of proteins.



Description	Transportation	Qty.	Cat.No.
MonoSpin Trypsin HP	Refrigerate	30pcs	TR-BG1-3011

PHOSPHORYLATED PEPTIDE PURIFICATION AND ENRICHMENT LINE-UP

GL Sciences' Titanium Dioxide (TiO₂ or Titania) products have emerged as the most effect means of phosphopeptide enrichment of protein digests prior to LC/MS analysis, replacing IMAC as the primary means of phosphopeptide sample pretreatment.

BULK MATERIALS

Titansphere TiO Bulk Material

Particle Size: 5 µm, 10 µm
 Particle Shape: Spherical
 Maximum operating pressure: 19.8 MPa (198 bar)
 Skelton: Titanium Dioxide Crystal
 Pore Size: 100 Å (10 nm)
 Surface Area: 100 m²/g
 pH Range: 2 - 12
 Retention Capacity: 400 ng/mg Tyr(PO₃H₂) Angiotensin II
 Gravity 1.74

Description	Particle Size	Volume.	Cat.No
Titansphere TiO	5µm	500mg	TR-BG1-3012
Titansphere TiO	10µm	500mg	TR-BG1-3013

MonoTip TiO

Description	Volume	Qty	Cat.No
MonoTip TiO	200μL	24pcs	TR-BG1-3014
MonoTip TiO	200μL	96pcs	TR-BG1-3015

Titansphere Phos-TiO Bulk Material

Titansphere Phos-TiO new version bulk material, is optimized for purifying and enriching more phosphopeptide.

Description	Volume	Particle Size	Cat.No
Titansphere Phos-TiO Bulk	500mg	10μm	TR-BG1-3016

Titansphere Phos-TiO Kit (Tip Type)

As Titansphere material has high affinity to phosphopeptides, phosphopeptides can be detected by MS (Mass Spectrometry) even in the cell lysate extract that contains a trace of phosphopeptides Only 5 steps (completed in about 40 minutes) are required for sample enrichment

kit contents

Spin Tip 24 pcs
Solution B (Lactic acid)
Waste Fluid Tube
Recovery Tube
Operation Manual

Description	Column Dimension	Qty	Cat.No
Titansphere Phos-TiO Kit	1mg/10μL	24pcs	TR-BG1-3017
Titansphere Phos-TiO Kit	1mg/10μL	96pcs	TR-BG1-3018
Titansphere Phos-TiO Kit	3mg/200μL	24pcs	TR-BG1-3019
Titansphere Phos-TiO Kit	3mg/200μL	96pcs	TR-BG1-3020

Description	Column Dimension	Qty	Cat.No
Titansphere Phos-TiO Tip	3mg/200μL	24pcs	TR-BG1-3021
Titansphere Phos-TiO Tip	3mg/200μL	96pcs	TR-BG1-3022
Titansphere Phos-TiO Tip	1mg/200μL	24pcs	TR-BG1-3023
Titansphere Phos-TiO Tip	1mg/200μL	96pcs	TR-BG1-3024

Titansphere Phos-TiO MP Kit

Titansphere Phos-TiO MP kit fractions the singly and multiply phosphorylated peptides separately, which prevents ion suppression in LC-MS/MS detection and delivers higher recovery of multiply phosphorylated peptides.

Titansphere Phos-TiO MP Kit	Titansphere Phos-TiO MP Kit (with Desalting Column Set)
Tip Column 24 pcs	Tip Column 24 pcs
Solution B	Solution B
Waste Fluid Tube	Waste Fluid Tube
Recovery Tube (2.0 mL, 1.5 mL)	Recovery Tube (2.0 mL, 1.5 mL)
Operation Manual	MonoSpin L C18
	GL-Tip SDB
	Operation Manual

Description	Column Dimension	Qty	Cat.No
Titansphere Phos-TiO MP Kit	1mg/200µL	24times	TR-BG1-3025
Titansphere Phos-TiO MP Kit	3mg/200µL	24times	TR-BG1-3026
Phos-TiO MP Kit Desalting Set	1mg/200µL	24times	TR-BG1-3027
Phos-TiO MP Kit Desalting Set	3mg/200µL	24times	TR-BG1-3028

Phosphorylated peptide Purification and Enrichment Cartridge Titansphere Phos-TiO for Large Volumn Samples

Sample	Tyr(PO3H2)-Angiotensin II	
Particle Size	10 µm	
Cartridge	50 mg/3 mL	100 mg/3 mL
Sample Loading Capacity	60 µg	120 µg

Description	Column Dimension	Qty	Cat.No
Titansphere Phos-TiO	50mg/3mL	25pcs	TR-BG1-3033
Phos-TiO MP Kit Desalting Set	100mg/3mL	24times	TR-BG1-3034

Description	Volume	Qty	Cat.No
Lactic Acid for Titansphere Phos-TiO 3mL Cartridge	15mL	1pc	TR-BG1-3035

Peptide Fraction Tip GL-Tip SCX, GL-Tip SDB-SCX

GL-Tip SCX is packed with strong cation polymer (SCX) and GL-Tip SDB-SCX are packed with styrene divinylbenzene polymer (SDB) and strong cation polymer (SCX). GL-Tip SDB-SCX is packed in a two layer format consisting an SDB and SCX media

Sample	GL-Tip SCX	GL-Tip SDB-SCX
Tip Volume	200 µL	200 µL
Sample Loading Capacity	60 µg	60 µg

Description	Qty	Cat.No
GL-Tip SDB-SCX	96pcs	TR-BG1-3036
GL-Tip SCX	96pcs	TR-BG1-3037

Peptide Desalting and Enrichment Tip GL-Tip SDB-GL-Tip GC

GL-Tip GC retain many more hydrophilic phosphopeptides than does C18; by using a combination of GL-Tip SDB and GC, almost all peptide samples can be desalted without sample losses due to lack of retention.

Description	GL-Tip SDB	GL-Tip GC
Sample	Try(PO ₃ H ₂)-Angiotensin II	Gly-Gly-Tyr-Arg
Tip Volume	200 µL	1 mg/200 µL
Sample Loading Capacity	60 µg	30 µg

Description	Qty	Cat.No
GL-Tip SDB	96pcs	TR-BG1-3038
GL-Tip GC	96pcs	TR-BG1-3039

Centrifuge Adapter

Usable for Titansphere Phos-TiO Kit and GL-Tip series products.

Description	Column Dimension	Qty	Cat.No
Centrifuge Adapter	for 10µL,200µL Tip	24pcs	TR-BG1-3040
96WP Centrifuge Adapter	for 10µL Tip	1pc	TR-BG1-3041
96WP Centrifuge Adapter	for 10µL Tip	2pc	TR-BG1-3042
96WP Centrifuge Adapter	for 200µL Tip	1pc	TR-BG1-3043
96WP Centrifuge Adapter	for 200µL Tip	2pc	TR-BG1-3044