

Titansphere™ Phos-TiO Bulk Material

Bulk Sorbent Materials for Purification & Enrichment of Phosphopeptides

While GL Sciences' Phos-TiO spin tips based enrichment products are useful for most sample pretreatment applications, some investigators require bulk titanium dioxide media for specialized applications. Our market leading Titansphere Phos-TiO Kit is now available in bulk media which is Titansphere Phos-TiO 10 µm bulk media, and is optimized for purifying and enriching more phosphopeptide.

References

1. Phosphopeptide enrichment by aliphatic hydroxy acid-modified metal oxide chromatography for nano-LC-MS/MS in proteomics applications, Sugiyama N, Masuda T, Shinoda K, Nakamura A, Tomita M, Ishihama Y., Mol Cell Proteomics. 2007 Jun;6(6):1103-9.
2. Highly selective enrichment of phosphorylated peptides using titanium dioxide, Nature Protocols 1, 2006, 1929-1935
3. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks, Olsen JV, Blagoev B, Gnad F, Macek B, Kumar C, Mortensen P, Mann M., Cell. 2006 Nov 3;127(3):635-48.
4. Successive and selective release of phosphorylated Peptides captured by Hydroxy Acid-Modified Metal Oxide Chromatography, Yutaka Kyono, Naoyuki Sugiyama, Koshi Imami, Masaru Tomita, and Yasushi Ishihama, J Proteome Res., 2008, 7(10), 4585-93
5. Extended coverage of singly and multiply phosphorylated peptides from a single Titanium Dioxide Microcolumn, Anal Chem., 2015, 87(20), 10213-21

Ordering Information

Titansphere™ Phos-TiO Bulk Material (Same Bulk Media packed into Titansphere Phos-TiO Kit)

Description	Particle Size	Qty	Cat. No.
Titansphere Phos-TiO Bulk 10um, 500 mg	10 µm	1/pk	5010-21315