

For Research Use Only

iST Ubiquitin-Trap IP-MS Sample Preparation Kit



www.ptglab.com

Catalog Number: **utak-iST**

Basic Information

Catalog Number:

utak-iST

Applications:

IP, Co-IP, MS

Conjugate:

Agarose beads; ~90 um (cross-linked 4% agarose beads)

Host:

Camelid

Type:

Nanobody

Class:

Recombinant

Description

Kit for IP/Co-IP of ubiquitin and ubiquitylated proteins and sample preparations for mass spectrometry (MS)

Specificity/Target

Binds to monomeric ubiquitin, ubiquitin chains, and ubiquitylated proteins. Ubiquitin chains may be linked via lysines; linkages via lysines such as K11, K48 and K63 are compatible with binding by the Ubiquitin-Trap (further linkage types also likely to be compatible, but not tested).

Affinity (K_D)

90 nM for monomeric ubiquitin. The apparent affinity is even higher for ubiquitin chains due to avidity effects.

Storage

Storage:

Shipped at ambient temperature. Upon receipt store Ubiquitin-Trap at +4°C and Digest at -20°C.

Storage Buffer:

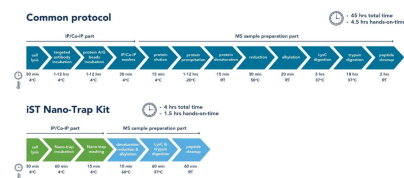
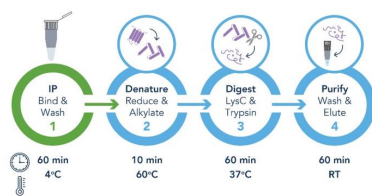
20% ethanol

For technical support and original validation data for this product please contact

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1(312) 455-8498 (outside USA) W: www.ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Schematic workflow of iST Nano-Trap® Kit