

For Research Use Only

# iST Ubiquitin-Trap IP-MS Sample Preparation Kit



Catalog Number: **utak-iST**

## Basic Information

<b>Catalog Number:</b>	utak-iST	<b>Host:</b>	Camelid
<b>Applications:</b>	IP, Co-IP, MS	<b>Type:</b>	Nanobody
<b>Conjugate:</b>	Agarose beads; ~90 um (cross-linked 4% agarose beads)	<b>Class:</b>	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.

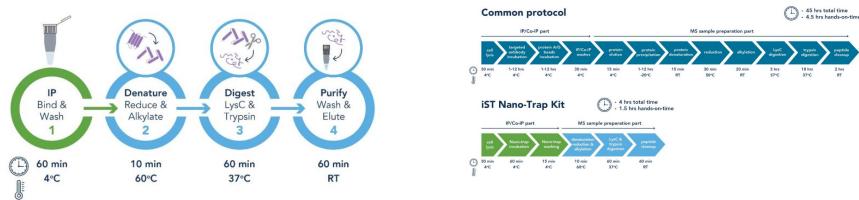
**Storage Buffer:**  
20% ethanol

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](http://www.ptglab.com)

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## Selected Validation Data



### Schematic workflow of iST Nano-Trap® Kit