



Product Specification Summary

Omni-Pure™ RNA Purification System

Catalog Number	40-5116-01
Product Name	TCEP 0.5M solution; 100 uL
Size	100 uL
Description	0.5 M TCEP Solution
Component/Note	Usage
Storage	It is 100X concentrated for use at 10 uL/mL to reduce RNase disulfide bonds and Use at or 0.1M for thiol disulfide bonds to reduce to SH bonds. Store at -20°C

TCEP (tris(2-carboxyethyl)phosphine) is a component in Gene Link Omni-Pure™ RNA purification kits (40-4090-XX and 40-4080-XX). It is used as a reducing agent to break disulfide bonds in RNase A and thus ensure high yield of RNA extraction by inhibiting RNase A activity.

TCEP is also recommended for reducing thiol labeled siRNA and other oligonucleotides.

Usage

It is 100X concentrated for use at 10 uL/mL to reduce RNase disulfide bonds and use at 0.1M for thiol disulfide bonds in oligos to reduce to SH bonds.

Scan the QR Code or visit the following links

Product Information

<http://www.genelink.com/geneprodsite/product.asp?p=17186>



Product Manual

http://www.genelink.com/Literature/ps/PS40-5116_TCEP_Ver2.1.pdf



Product MSDS

http://www.genelink.com/Literature/ps/MSDS_40-Omni-Pure.pdf



Related Products

Product	Catalog No	Size
Omni-Pure Viral RNA Spin Column Purification System; 100 purifications	40-3650-01	100 Purifications
Omni-Pure Viral RNA Spin Column Purification System 500 purifications	40-3650-05	500 Purifications
Omni-Pure Blood & Bodily fluids RNA Purification System; 50 purifications	40-4081-05	50 Purifications
Omni-Pure Blood & Bodily fluids RNA Purification System; 100 purifications	40-4081-10	100 Purifications
Omni-Pure Blood & Bodily fluids RNA Purification System; 500 purifications	40-4081-50	500 Purifications
Omni-Pure Universal RNA Purification System; 50 purifications	40-4091-05	50 Purifications
Omni-Pure Universal RNA Purification System; 100 purifications	40-4091-10	100 Purifications
Omni-Pure Universal RNA Purification System; 500 purifications	40-4091-50	500 Purifications
Omni-Pure Blood & Bodily fluids RNA Spin Column Purification System; 500 purifications	40-4080-50	500 Purifications
Omni-Pure Universal RNA Spin Column Purification System; 50 purifications	40-4090-05	50 Purifications
Omni-Pure Universal RNA Spin Column Purification System; 100 purifications	40-4090-10	100 Purifications
Omni-Pure Universal RNA Spin Column Purification System; 500 purifications	40-4090-50	500 Purifications
Omni-Pure Blood & Bodily fluids RNA Spin Column Purification System; 100 purifications	40-4080-10	100 Purifications
TCEP 0.5M solution; 100 uL	40-5116-01	100 uL
TCEP 0.5M solution; 1 mL	40-5116-10	1 mL