# Product Specification Summary

## Omni-Pure™ RNA Purification System

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|---|---|
| Catalog Number | 40-5116-01 |
| Product Name | TCEP 0.5M solution; 100 uL |
| Size | 100 uL |
| Description | 0.5 M TCEP Solution |
| Component/Note | TCEP 0.5M solution |

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

Product Manual http://www.genelink.com/Literature/ps/PS40-5116_TCEP_Ver2.3.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 |