



Product Specification Summary

Genetic Tools & Reagents

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| Catalog Number | 40-3000-00 |
| Product Name | DNA & RNA Reconstitution Solutions Pack |
| Size | 1 Pack |
| Description | DNA & RNA Reconstitution Solutions Pack |

DNA & RNA Reconstitution Solutions Pack Content

Catalog No.:40-5014-05 RNA Reconstitution Solution (1 mM Sodium Citrate pH 6.4); 50 mL

Catalog No.:40-3000-05 DEPC Treated Water; 50 mL

Catalog No.:40-3001-05 Nuclease Free Water (DEPC Free); 50 mL

Catalog No.:40-5011-05 TE Buffer 1X solution pH 7.0; 50 mL

RNA and RNA Oligonucleotide Reconstitution and Storage Solution(1 mM Sodium Citrate pH 6.4) Sodium citrate, 1 mM pH 6.4 is prepared in RNase free water and sealed in bottles after autoclaving. It is guaranteed RNase free and is the recommended solution for reconstitution and storage of RNA and RNA oligonucleotides. The low pH of 6.4 and low ionic strength of 1 mM Sodium citrate reduces base hydrolysis considerably and is an efficient chelating agent. Sodium citrate, 1 mM pH 6.4 as a reconstitution and storage solution is compatible with all RNA based applications. RNA Reconstitution Solution (1 mM Sodium Citrate pH 6.4) is also available in convenient 10 tubes 1.6 mL aliquot packaging (Catalog No.: 40-5014-16) to meet the rigorous requirements of single use applications. **DEPC Treated Water: Catalog No.: 40-3000-XX** **Nuclease Free Water (DEPC Free) : Catalog No.: 40-3001-XX** The DNA & RNA reconstitution solutions are a must for all molecular biology laboratories and specifically for laboratories that are performing RNA based applications. All the DNA & RNA reconstitution solutions are prepared using nuclease free autoclaved water and undergo strict quality control measures. These solutions are molecular biology grade and not recommended for tissue culture applications. DEPC treated water (Catalog No.: 40-3000-XX) is autoclaved after DEPC treatment and is specifically useful for preparation and dilution of laboratory reagents that are destined to be used for RNA based applications. For all other molecular biology water requirements we recommend Nuclease Free Water (DEPC Free) (Catalog No.: 40-3001-XX) DEPC Treated water and Nuclease Free water are also available in convenient 10 tubes 1.6 mL aliquot packaging to meet the rigorous requirements of single use applications and specifically recommended for RT-PCR (QPCR) applications. TE Buffer 1X solution pH 7.0, 7.5 and pH 8.0: Catalog No.: 40-5011-05; 40-5012-05 and 40-5013-05 DNA and DNA Oligonucleotide Reconstitution and Storage Solution TE pH 7.0 (10 mM Tris pH 7.0, 1 mM EDTA) buffer is the recommended buffer for all DNA and DNA oligonucleotide reconstitution while TE pH 7.0 is used widely for RNA reconstitution and storage; we recommend RNA reconstitution solution (1mM Sodium citrate; Catalog No.: 40-5014-05) specifically for RNA reconstitution and storage. TE pH 7.5 and TE pH 8.0 buffers are convenient reconstitution reagents that can be used for specific applications requiring pH of 7.5 and 8.0. PS40-30-

Scan the QR Code or visit the following links

Product Information

<http://www.genelink.com/geneprodsite/product.asp?p=17308>



Product Manual

http://www.genelink.com/Literature/ps/PS40-30-DNA&RNA_SPack_Ver2.1.pdf



Product MSDS

http://www.genelink.com/Literature/ps/MSDS_40-DNA&RNA_solutions.pdf



Related Products

| Product | Catalog No | Size |
|--|------------|--------|
| Omni-Array™ mRN Antisense strand amplification kit | 08-0021-02 | 1 Kit |
| Omni-Array™ Sense Strand mRNA Amplification Kit | 08-0011-02 | 1 Kit |
| Omni-Marker™ Universal unlabeled; 100 uL | 40-3005-01 | 100 uL |
| Omni- Marker™ Universal unlabeled; 500 uL | 40-3005-05 | 500 uL |
| Omni-Marker™ Universal unlabeled; 1 mL | 40-3005-10 | 1 mL |
| Omni- Marker™ Low unlabeled; 100 uL | 40-3006-01 | 100 uL |
| Omni-Marker™ Low unlabeled; 500 uL | 40-3006-05 | 500 uL |
| Omni- Marker™ Low unlabeled; 1 mL | 40-3006-10 | 1 mL |
| GScan Marker Tamra Labeled 50 bp - 600 bp; 100 uL | 40-3061-01 | 100 uL |
| GScan Marker Tamra Labeled 50 bp - 600 bp; 500 uL | 40-3061-05 | 500 uL |
| Omni-Marker™ GScan-1 Tet labeled 50 bp-1kb | 40-3071-01 | 100 ul |
| Omni-Marker™ GScan-1 Tet labeled 50 bp-1kb | 40-3071-05 | 500 ul |
| Omni-Marker™ GScan-2 Tet labeled 50 bp- 600 bp | 40-3072-01 | 100 ul |
| Omni-Marker™ GScan-2 Tet labeled 50 bp- 600 bp | 40-3072-05 | 500 ul |
| GScan Marker Hex Labeled 50 bp - 600 bp; 100 uL | 40-3081-01 | 100 uL |