Product Specification Summary

Genetic Tools & Reagents

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 Infomation 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/SDS_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