



## Product Specification Summary

### DNA & RNA Precipitation Solutions

|                |   |
|----------------|---|
| Catalog Number | 40-5131-05  |
| Product Name   | LiCl RNA Precipitation Solution (7.5M LiCl, 50 mM EDTA pH 8.0); 50 mL |
| Size           | 50 mL   |
| Description    | LiCl RNA Precipitation Solution (7.5M LiCl, 50 mM EDTA pH 8.0); 50 mL |

**Do not use for precipitation of RNA smaller than 300 nucleotides.**

A final concentration of 2.5M LiCl is effective in precipitation of RNA larger than 300 nucleotides without the addition of ethanol, this method of precipitation selectively precipitates RNA and does not efficiently precipitate DNA, protein or carbohydrate. It is the method of choice for removing inhibitors of translation or cDNA synthesis from RNA preparations. It also provides a simple rapid method for recovering RNA from in vitro transcription reactions. As little as 50 ng of RNA can be quantitatively recovered by centrifugation at 12K rpm for 20 minutes at 4°C.

**Usage: 2.5M Lithium Chloride final concentration without addition of ethanol or isopropanol. Routine precipitation of RNA at Concentrations  $\geq 100$  ng/mL.**

Scan the QR Code or visit the following links

Product Information

<http://www.genelink.com/geneprodsite/product.asp?p=17311>



Product Manual

[http://www.genelink.com/Literature/ps/PS40-5132\\_PptionSoln\\_Ver3.4.pdf](http://www.genelink.com/Literature/ps/PS40-5132_PptionSoln_Ver3.4.pdf)



Product MSDS

[http://www.genelink.com/Literature/ps/MSDS\\_40-DNA&RNA\\_solutions.pdf](http://www.genelink.com/Literature/ps/MSDS_40-DNA&RNA_solutions.pdf)



## Related Products

| Product   | Catalog No | Size   |
|---|------------|--------|
| Glycogen Solution 10 mg/ml; 1 mL                                      | 40-5112-01 | 1 mL   |
| DNA & RNA Precipitation Solutions Pack                                | 40-5130-00 | 1 Pack |
| Linear Acrylamide Solution (Linear polyacrylamide, LPA; 5mg/mL); 1 mL | 40-5113-01 | 1 mL   |
| LiCl RNA Precipitation Solution (7.5M LiCl, 50 mM EDTA pH 8.0); 50 mL | 40-5131-05 | 50 mL  |
| Sodium Acetate 3M pH 5.5; DNA & RNA Precipitation Solution; 50 mL     | 40-5132-05 | 50 mL  |
| Potassium Acetate 3M pH 5.5; DNA & RNA Precipitation Solution; 50 mL  | 40-5133-05 | 50 mL  |
| Sodium Chloride 5M DNA & RNA Precipitation; 50 mL                     | 40-5134-05 | 50 mL  |
| Ammonium Acetate 7.5M DNA & RNA Precipitation Solution; 50 mL         | 40-5135-05 | 50 mL  |
| Ammonium Acetate 5 M DNA & RNA Precipitation Solution; 50 mL          | 40-5136-05 | 50 mL  |
| Glycogen Solution 10 mg/mL; 10 mL                                     | 40-5112-10 | 10 mL  |
| Glycogen Solution 10 mg/mL; 50 mL                                     | 40-5112-05 | 50 mL  |
| Glycogen Solution 10 mg/mL; 500 mL                                    | 40-5112-50 | 500 mL |