



## Product Specification Summary

### DNA & RNA Precipitation Solutions

Catalog Number	40-5112-50
Product Name	Glycogen Solution 10 mg/mL; 500 mL
Size	500 mL
Description	Glycogen Solution 10 mg/mL; 500 mL
Component/Note	10mg/mL

Effective DNA and RNA precipitation with the use of monovalent salts and ethanol or isopropanol is dependent on its concentration. DNA and specifically RNA precipitation at a concentration of less than 50 ng/mL is usually not quantitative and the pellet is not clearly visible leading to unreliable recovery.

Addition of glycogen or linear acrylamide as a carrier/coprecipitant aids in quantitative recovery and specifically clear visibility of the pellet. Glycogen does not interfere with spectrophotometric readings, electrophoresis, and most molecular biology enzymatic applications including PCR.

Usage: 1  $\mu$ L (10  $\mu$ g) of 10mg/mL glycogen solution is adequate for 500  $\mu$ L DNA or RNA solution.

Glycogen origin: Glycogen is a highly purified polysaccharide derived from oysters.

Specification: Molecular biology grade. Glycogen solution supplied is validated DNase and RNase free. Glycogen solution may contain remnant nucleic acids.

Scan the QR Code or visit the following links

Product Information

<http://www.genelink.com/geneprodsite/product.asp?p=17381>



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/Glycogen\\_MSDS\\_40-5112-GL.pdf](http://www.genelink.com/Literature/ps/Glycogen_MSDS_40-5112-GL.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