

UltraPure™ Glycogen

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WARNING! Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from [thermofisher.com/support](https://www.thermofisher.com/support).

Product description

The Invitrogen™ UltraPure™ Glycogen is used as a carrier for nucleic acid precipitation in ethanol. UltraPure™ Glycogen traps nucleic acids during precipitation and forms a visible pellet upon centrifugation, permitting the efficient recovery and concentration of nucleic acids from dilute solutions.

Contents and storage

Contents	Amount	Storage
UltraPure™ Glycogen, 20 µg/µL in RNase-free water	100 µL	Store at -20°C in a non-frost-free freezer.

Procedural guidelines

- Use 0.2 µg–0.4 µg of UltraPure™ Glycogen per 1 µL of aqueous sample when performing ethanol precipitation.
- Transformation of chemically competent cells is not affected by ≤8 µg of glycogen per 100-µL ligation reaction.
- TdT is not inhibited by ≤0.001 mg/mL of glycogen.
- SuperScript™ II Reverse Transcriptase is not affected by ≤2 mg/mL of glycogen.
- T4 RNA Ligase is not inhibited by ≤0.02 mg/mL of glycogen.
- UDG is not inhibited by glycogen.
- Glycogen can interfere with DNA-protein interactions.
- Glycogen can decrease RNA quality and inhibit RT-PCR in RNA isolated from tissues rich in polysaccharides and proteoglycans.

Limited product warranty

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Revision history: Pub. No. MAN0000908

Revision	Date	Description
A.0	16 June 2016	Format, style, and legal updates
—	18 July 2013	Baseline for this revision history

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