gDNA (human) wt (SID-0004) – Instructions for use

For Research Use Only

SensID Bringing Precision to Molecular Diagnostics

Every diagnostic test as well as R&D needs references and controls. SensID GmbH manufactures High Quality Reference Materials / Controls for Molecular Diagnostics.
Our mission is to provide certified standards ready for your needs in the highest quality to ease your processes
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Content

Product	Catalog No.
gDNA (human) wt	SID-0004

Symbols

REF	Catalog number
LOT	Lot number
	Use by
	Legal manufacturer
	Not for reuse
	Temperature limitations

Storage

The gDNA (human) wt should be stored at 2°C to 8°C upon arrival. The gDNA (human) wt is stable until the expiration date when stored under these conditions.

Intended Use

The product of gDNA (human) wt contains TE buffer (Tris-EDTA (10 mM Tris, 1 mM EDTA), pH 8,0).
Intended application is:

1. For spike-in experiments
2. Control in workflow validations
3. Validation and development of sequencing protocols (e.g. Whole Genome Sequencing (WGS), Amplicon Sequencing) and PCR protocols
4. Analyze the performance of your NGS pipeline by comparing to freely available datasets
5. Calibration and development of instruments and workflows in DNA processing (e.g. DNA fragmentation via acoustic shearing, enzymatic digestion or sonication)

Protocol: gDNA (human) wt

Important point before starting:

- *It is recommended to centrifuge SID-0004 briefly to avoid liquid holding back in the lid of the vial!*
- *To avoid contaminations in the vial work in clean environment (e.g. laminar flow hood)*

1. No further purification or DNA isolation steps needed
2. DNA purified from a reference cell line, GM24385
3. The purified DNA is present in TE-buffer pH 8,0
4. Product is ready to use

Technical Assistance

Our Technical Service Assistance is staffed by experienced scientists with extensive practical and theoretical expertise with our products. If you have any questions or experience any difficulties regarding the gDNA (human) wt or SensID GmbH products in general, please do not hesitate to contact us.
SensID GmbH customers are a major source of information regarding advanced or specialized uses of our products. This information is helpful to other scientists as well as to the researchers at SensID GmbH. We therefore encourage you to contact us if you have any suggestions about product performance or new applications and techniques.
For technical assistance and more information, please see our Website www.sens-id.com or call one of the SensID GmbH Technical Service Assistance.

Product Use limitations

Attention should be paid to expiration dates and storage conditions printed on the box and labels of all components. Do not use expired or incorrectly stored components. Check primary packaging before first opening. Do not use products from damaged primary packaging.

Quality Control

In accordance with SensID's Quality Management System, each lot of gDNA (human) wt is tested against predetermined specifications to ensure consistent product quality.
gDNA (human) wt should appear as a clear liquid. Alterations in this appearance may indicate instability or deterioration of the product and vials should be discarded.

Warnings and precautions

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate safety data sheets (SDSs). These are available online in convenient and compact PDF format at www.sens-id.com/shop/gdna/sid-gdna-human-wt/, where you can find, view, and print the SDS for each SensID GmbH products, kit component and other products.
Avoid contamination of the product when opening and closing the vial.

Equipment and Reagents to Be Supplied by User

- Pipets (adjustable)[1]
- Sterile pipet tips with filters

[1] Ensure that instruments have been checked and calibrated according to the manufacturer's recommendations.