

Product Information

RNase-Free Calf Thymus DNA, 1 mg/mL

Catalog Number: 31065

Unit Size: 1 mL

Storage and Handling

Store at 4°C. Product is stable for at least 12 months from date of receipt when stored as recommended.

Product Description

Many commercial preparations of DNA contain high levels of residual RNase activity, even after re-purification. Preparing DNA solutions in DEPC-treated water will not inactivate RNase already present in the DNA. Similarly, commercial RNase inhibitor additives are usually poorly effective, expensive, and interfere in downstream applications.

Biotium has developed a unique proprietary method that irreversibly inactivates RNases in purified DNA. The resulting DNA solution is free of excess protein or other chemicals that may interfere with downstream applications. Our RNase-free Calf Thymus DNA solution undergoes stringent quality control testing to confirm the product is 100% free of RNase activity.

RNase-Free DNA is useful in applications where RNase contamination needs to be avoided. It is suitable for preparing RNase-free dsDNA standards for use with DNA quantitation assays such as the AccuClear® Ultra High Sensitivity DNA Quantitation Solution (31027), the AccuBlue® Broad Range dsDNA Quantitation Solution (31009), or the AccuBlue® NextGen dsDNA Quantitation Solution (31061), if RNase-free reagents are desired. See the Related Products table and our website for more information about AccuClear® and AccuBlue® dsDNA Quantitation Kits.

Biotium also offers the AccuBlue® Broad Range RNA Quantitation Kit (31073) for sensitive and accurate quantitation of RNA samples in fluorescent plate reader or Qubit® instruments.

Related Products

Catalog number	Product
31073	AccuBlue® Broad Range RNA Quantitation Kit
31027	AccuClear® Ultra High Sensitivity dsDNA Quantitation Solution
31028	AccuClear® Ultra High Sensitivity dsDNA Quantitation Kit with 7 DNA Standards
31009	AccuBlue® Broad Range dsDNA Quantitation Solution
31007	AccuBlue® Broad Range dsDNA Quantitation Kit with 9 DNA Standards
31061	AccuBlue® NextGen dsDNA Quantitation Solution
31060	AccuBlue® NextGen dsDNA Quantitation Kit
41024	Water, Ultrapure Molecular Biology Grade
41028	Agarose LE, Ultra-Pure Molecular Biology Grade
41029	GelRed® Agarose LE
41003	GelRed® Nucleic Acid Gel Stain, 10,000X in Water
41005	GelGreen® Nucleic Acid Gel Stain, 10,000X in Water
31041	Forget-Me-Not™ EvaGreen® qPCR Master Mix (2-Color Tracking)
31045	Forget-Me-Not™ EvaGreen® qPCR Master Mix (Low Rox)
31043	Forget-Me-Not™ Universal Probe Master Mix
CD202	DNASTorm™ Kit for Isolation of DNA from FFPE Tissues Samples
CD201	RNAstorm™ Kit for Isolation of RNA from FFPE Tissues Samples
CD504	RNAstorm™ RNA Isolation Kit

Please visit our website at www.biotium.com for information on our life science research products, including environmentally friendly EvaGreen® qPCR master mixes, DNA and protein gel stains, DNA and RNA quantitation kits, fluorescent probes, and kits for cell biology research.

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