



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet for MB-102-0100

DNA (Calf Thymus)

Overview

Description:	DNA (Calf Thymus) - MB-102-0100
Item No.:	MB-102-0100
Size:	100 mg
Applications:	Other

Product Details

Background:	DNA from Calf Thymus is commonly used in the preparation of prehybridization and hybridization solutions. Ideal for DNA Polymerase Assays. These prepared solutions are used to block the non-specific attachment of probe to the surface of a membrane. The DNA solutions are prepared from highly pure, phenol/chloroform-extracted DNA and DNase-free and RNase-free (DEPC-treated) distilled, deionized water.
Synonyms:	Deoxyribonucleic acid from Calf Thymus, Calf Thymus DNA, DNA from calf Thymus
Reagent Type:	DNA

Target Details

Purity/Specificity:	Specially prepared by a method that removes contaminating RNA and protein
----------------------------	---

Application Details

Suggested Applications:	Other (Based on references)
Application Note:	Calf Thymus DNA is suitable for use as a substrate for deoxyribonuclease assays and other molecular biological techniques.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
Other:	% hyperchromicity 30.9 A260/A280 1.83

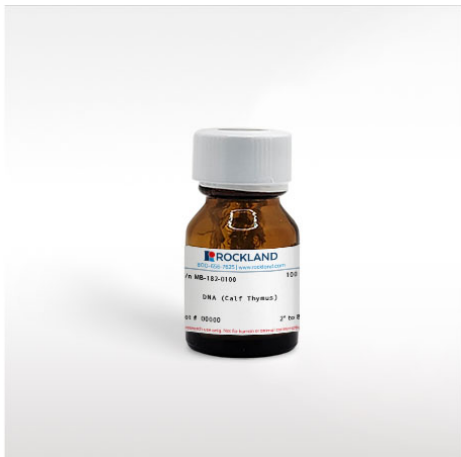
Formulation

Physical State:	Lyophilized
Concentration:	n/a
Buffer:	None
Preservative:	None
Stabilizer:	None
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store DNA from calf Thymus at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is six (6) months from date of receipt.

Images



Bottle
DNA (Calf Thymus)

References

- Ma Y. et al. Quantitation of DNA by nuclease P1 digestion and UPLC-MS/MS to assess binding efficiency of pyrrolbenzodiazepine. *J Pharm Anal.* (2020)
- Ali SMH et al. Copper (II) complexes of substituted salicylaldehyde dibenzyl semicarbazones: synthesis, cytotoxicity and interaction with quadruplex DNA. *Dalton Trans.* (2014)
- Lee WY et al. DNA binding and nucleolytic properties of Cu(II) complexes of salicylaldehyde semicarbazones. *Metallomics.* (2012)
- Chitranshi P et al. Investigation on the interactions of NiCR and NiCR-2H with DNA. *Bioinorg Chem Appl.* (2010)

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.