

Datasheet for ABIN925592

**DNA Calf Thymus**

Overview

Quantity:	25 mg
Oligo-Type:	Chromatin and DNA
Application:	Polymerase Chain Reaction (PCR), DNA Amplification (DNA Amp)

Product Details

Characteristics:	Performance Data: A260/A280: 1.9 % Hyperchromocity: 31.4 % Nitrogen: 14.2 % Phosphorus: 7.7
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Application Details

**Application Notes:** This product is a convenient, ready-to-use solution of calf thymus DNA especially prepared for use in the preparation of pre-hybridization and hybridization solutions and as a DNA carrier in yeast transformation protocols and other related methods. This product is also an excellent substrate for deoxyribonuclease or DNA polymerase. This solution contains sheared single stranded DNA molecules that can be used to block the non-specific attachment of probe DNA to the surface of a membrane (Southern) or to increase yeast transformation efficiency. Prepared by a modification of the method of Emanuel and Chaikoff, JBC 203, 164 (1953) from calf thymus DNA by mechanical shearing and heat denaturation to an average size of 100 to 2000 base pairs. To reverse any renaturation occurring during storage this material should be briefly boiled and rapidly chilled prior to use.

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	0.01 M Tris Chloride, 0.001 M EDTA, pH 7.6
Storage:	-20 °C

## Handling

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Storage Comment: Store vials at -20° C upon receipt. Expiration date is six (6) months from date of opening vial.

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Expiry Date: 6 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)