

Certificate of Analysis

Product: DNA (*Salmon Testes*)

Code: MB-103-1000

Lot # 19165

Size: 1.0 g

Physical State: Lyophilized

A₂₆₀/A₂₈₀: 1.85

% Hyperchromicity: 30.5

Buffer Composition: None

Application(s): The recommended concentration for use is 100 µg/ml.

Storage Conditions: Store vial at 2° to 8° C upon receipt. Expiration date is six (6) months from date of opening vial.

Unit Definition: Not applicable

Preparation: Prepared by a modification of the method of Emanuel and Chaikoff, *J. Biol. Chem.* **203**, 164 (1953) from salmon testes DNA by mechanical shearing and heat denaturation to an average size of 100 to 200 base pairs. To reverse any renaturation occurring during storage, this material should be briefly boiled and rapidly chilled prior to use. >75% native nucleic acid.

USDA Certification: 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.

Note: 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.