



# Maxim Biotech, Inc.

## Certificate of Analysis

**Cat. No.:** IH-60047 (FAS-6001-B)

**Biotinylated Long DNA Probe for Human Fas Gene**       8   µg / tube

**Form:**     Liquid 8 µg biotin-labelled DNA in 100 µl ddH<sub>2</sub>O

**Tm:**     > 90 °C (Calculated according to the nearest neighborhood method)

**Size:**     318bp. This biotin-conjugated probe was produced by PCR primers (Maxim's product Catalog # SP-10216) under PCR\* conditions using Human cDNA and biotin-dUTPs & biotin-dATPs.

**Purity:**     The biotin-conjugated probe was purified by cartridge and showed a single band on gel.

**Storage and Stability:** Recommend to store at -20 °C, stable for one year. It is stable for one month when store at 4 °C.

**Use:**     The product is able to detect a fragment of **Human Fas Gene** in in-situ hybridization when used together with Maxim's in-situ hybridization /detection kit (IHD-0050 & IHD0052) and/or in Northern hybridization.

**Sequences:** (Alignment on database: Genbank, **M67454**)

**References:** Itoh,N., et al. Cell 66 (2), 233-243 (1991)

**Lot. No.:** \_\_\_\_\_

**Date of Production:** \_\_\_\_\_

**Operator:** \_\_\_\_\_

PCR\*: The Polymerase Chain Reaction (PCR) process is covered by patents owned by Hoffmann-La Roche. Use of the PCR Process requires a license. This product does not convey a license to use the PCR process.

### Maxim Biotech Inc.

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