



# Maxim Biotech, Inc.

## Certificate of Analysis

**Cat. No.:** IH-60024 (MMP1-6001-B)

**Biotinylated Long DNA Probe for Human MMP1**

8 µg / tube

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

**T<sub>m</sub>:** > 90 °C (Calculated according to the nearest neighborhood method)

**Size:** 395bp. This biotin-conjugated probe was produced by PCR primers 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 MMP1** 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, [NM\\_002421](#))

**References:** Goldberg, G.I., et al. J. Biol. Chem. 261 (14), 6600-6605 (1986)

**Lot. No.:**

**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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