



Maxim Biotech, Inc.

Certificate of Analysis

Cat. No.: IH-60014 (IL12-6002-B)
Biotinylated Long DNA Probe for Human IL12 (P40) 8 µg / tube

Form: Liquid 8 µg biotin-labelled DNA in 100 µl ddH₂O

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

Size: 381bp. This biotin-conjugated probe was produced by PCR primers (Maxim's product Catalog # SP-10464) 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 IL12 (P40)** 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, **M65272**, **M38444**)

References: Gubler,U., et al. Proc. Natl. Acad. Sci. U.S.A. 88 (10), 4143-4147 (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.

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