AMPLIQON
PCR ENZYMES & REAGENTS

Ampliqon A/S
www.ampliqon.com
info@ampliqon.com

Stenhuggervej 22
5230 Odense M
Denmark

Phone: +45 70201169
VAT No.: DK 26388899

Iqon Low DNA Ladder

Range: 100 bp – 1000 bp

100 lanes of 5 µl

Cat. No.	Iqon Low DNA Ladder ID: 5401600
A610541	1 x 0.5 ml

Features and General Description

Iqon Low DNA Ladder is a broad range dsDNA ladder with bands from 100 bp to 1000 bp (figure 1).
The ladder is supplied in loading buffer, ready-to-use on agarose and polyacrylamide gels. It is suitable with TBE, TAE, SB and LB electrophoresis systems.
The 500 bp band of Iqon Low DNA Ladder comes with a higher intensity and can be used as a reference point.

Suggestions for use of Iqon Low DNA Ladder

- **Important:** Mix ladder briefly before use. Do not heat the ladder.
- Load 5 µl of ladder for a 5 mm gel lane. For gels with other lane widths add 1 µl ladder per 1 mm gel lane.
- If band intensity is too high, then load a smaller volume of the ladder per lane.
- Agarose gel electrophoresis: Prepare 1-1.5 % gel. The dye should migrate 60 – 70 % the length of the gel.
- Polyacrylamide gel electrophoresis: Prepare 8 % gel. The dye should migrate approx. 90 % the length of the gel.
- Ethidium bromide (0.5 µg/ml) is the recommended gel stain.

Storage, Stability and Shipment

Iqon Low DNA ladder may be kept safely at room temperature for at least 6 months from date of shipment. Iqon DNA Ladders are guaranteed for 12 months when stored at 4°C. Aliquot product if necessary, to avoid repeated freezing and thawing cycles.
Shipped at ambient temperature. For long term storage, keep the Iqon Low DNA Ladder at -20 °C for up to 3 years.

Quality control

Agarose gel analysis shows that all bands are present at the expected location and band intensity.

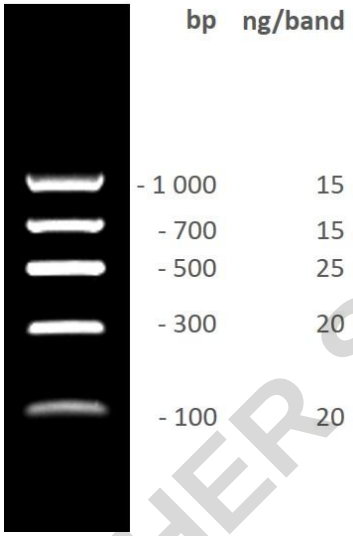


Figure 1: Iqon Low DNA Ladder. 5 µl Iqon PCR Ladder was loaded on a 1.5 % agarose in 1x TBE and stained with ethidium bromide. Gel lane: 5 mm.

For Research Use Only. Not for use in diagnostics procedures.

Other product sizes, combinations and customized solutions are available. Please look at www.ampliqon.com or ask for our complete product list for PCR Enzymes. For customized solutions please contact us.

Made in Denmark

Issued 02/2026

DOMINIQUE DUTSCHER SAS