AMPLIQON
PCR ENZYMES & REAGENTS

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Iqon PCR Ladder

Range: 100 bp – 3000 bp
100 lanes of 5 µl

MADE IN **DENMARK**

Cat. No.	Iqon PCR Ladder ID: 5401700
A610641	1 x 0.5 ml

Features and General Description

Iqon PCR Ladder is a broad range dsDNA ladder with bands from 100 bp to 3.000 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 700 bp band of Iqon PCR Ladder comes with a higher intensity and can be used as a reference point.

Suggestions for use of Iqon PCR 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 to 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 PCR 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 PCR 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.

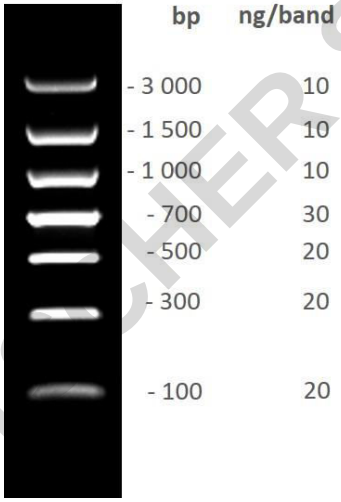


Figure 1: Iqon PCR Ladder. 5 µl Iqon PCR Ladder was loaded on a 1.5 % agarose in 1x TBE and stained with ethidium bromide. Gel lane: 5 mm.

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

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DOMINIQUE DUTSCHER SAS