AMPLIQON
PCR ENZYMES & REAGENTS

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Iqon Mini DNA Ladder

Range: 100 bp – 500 bp
100 lanes of 5 µl

MADE IN **DENMARK**

Cat. No.	Iqon Mini DNA Ladder ID: 5401500
A610441	1 x 0.5 ml

Features and General Description

Iqon Mini DNA Ladder is a broad range dsDNA ladder with bands from 100 bp to 500 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.

Suggestions for use of Iqon Mini 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 Mini 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 Mini 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.

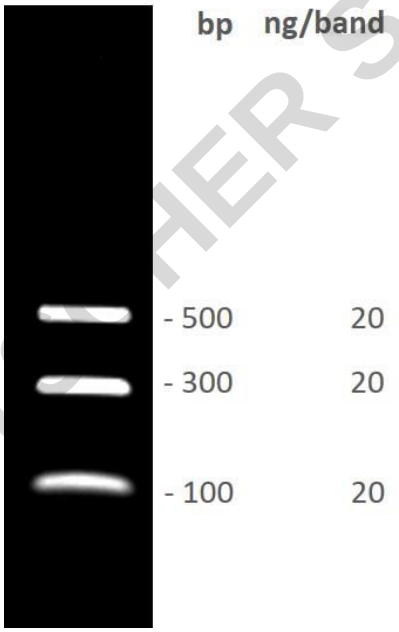


Figure 1: Iqon Mini DNA Ladder. 5 µl Iqon PCR Ladder was loaded on a 1.5 % agarose in 1x TBE and stained with ethidium bromide. Gel lane: 5 mm.

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

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DOMINIQUE DUTSCHER SAS