

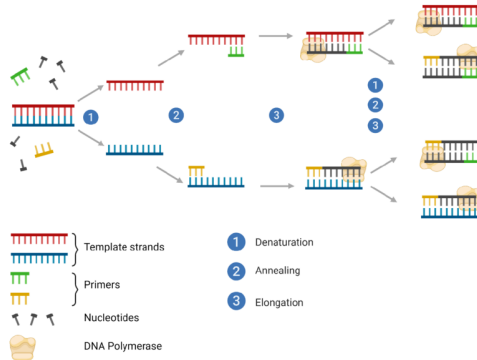
Introdução à Cadeia da Polimerase (PCR)

Basics of Polymerase Chain Reaction (PCR)

September 22st, 2026

Cadeia da Polimerase (PCR)

Polymerase Chain Reaction (PCR)



Tytgat, 2022

2 copies $\rightarrow$ 1st cycle $2^2 = 4 \rightarrow$ 2nd cycle $2^3 = 8 \rightarrow \dots \rightarrow$ 35th cycle $2^{35} = 34,359,738,368$

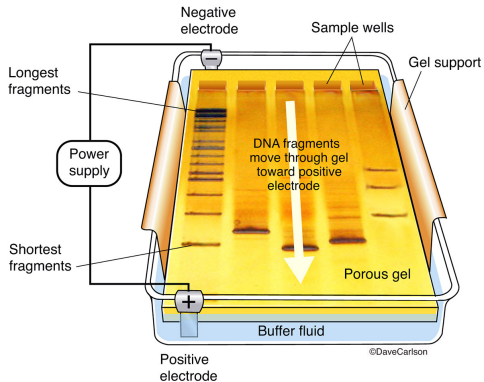
Cadeia da Polimerase (PCR) Polymerase Chain Reaction (PCR)



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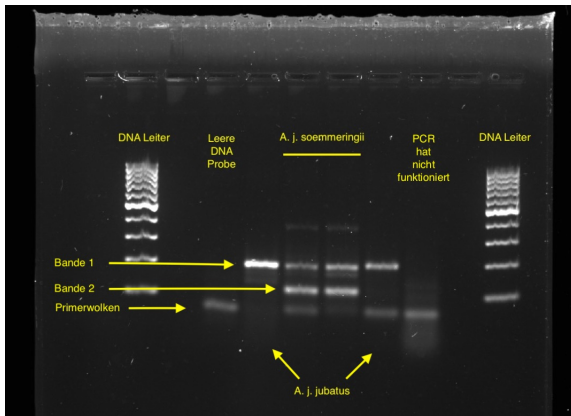
Electroforese em gel

Gel Electrophoresis



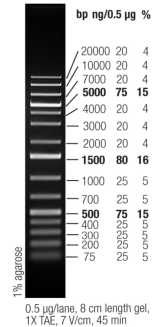
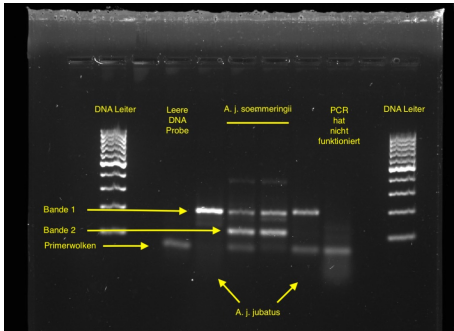
Electroforese em gel

Gel Electrophoresis



Régua de DNA

DNA Ladder



Electroforese em gel

Gel Electrophoresis



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