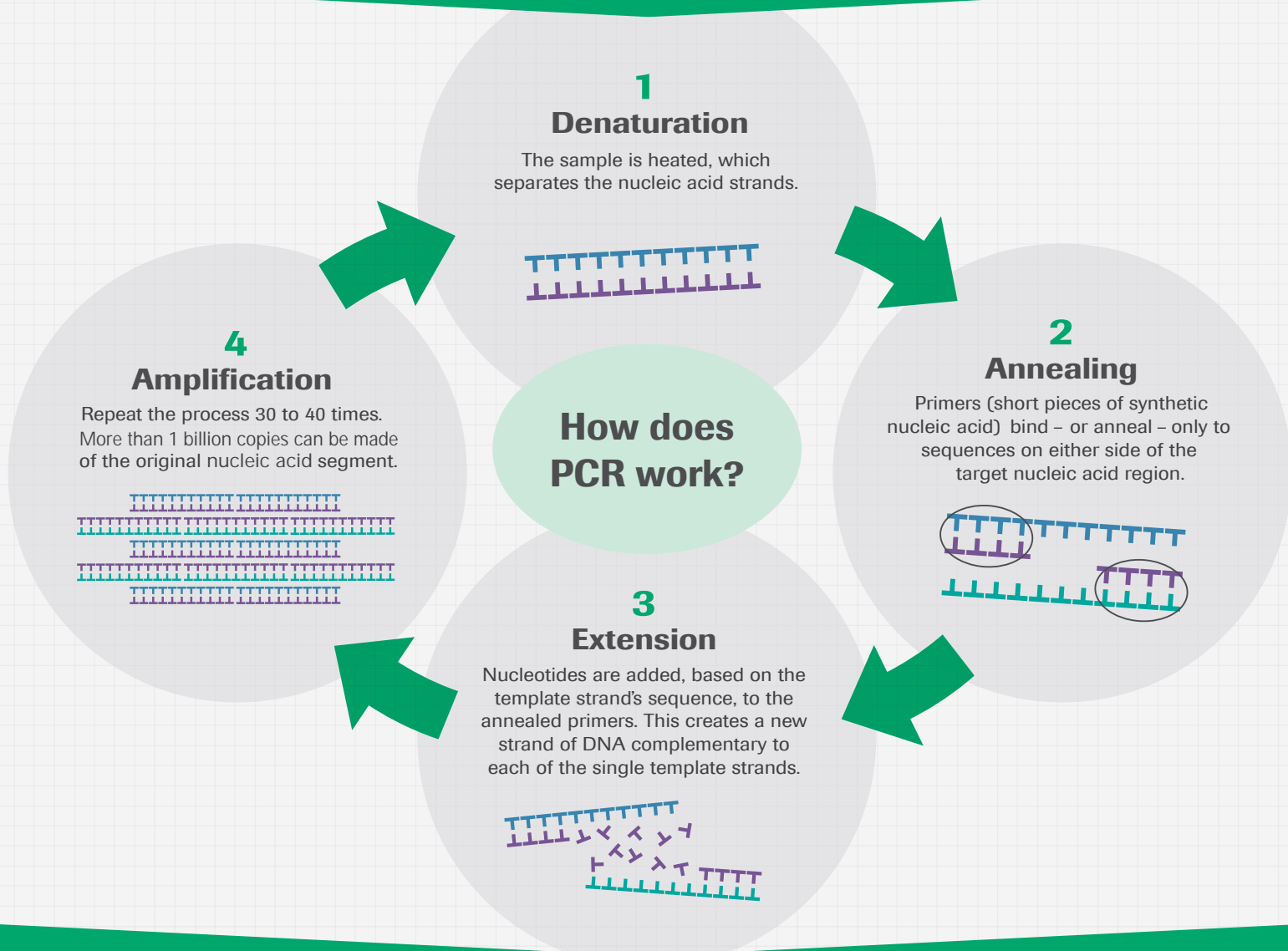


# What is polymerase chain reaction (PCR)?

The **cobas**® Liat PCR System utilizes polymerase chain reaction (PCR), which is a recognized gold standard for many diagnostic assays. During each test, several billion copies of a specific section of nucleic acid are created via amplification.



## Why the cobas® Liat PCR System?



Traditional methods of antigen detection for Influenza A/B, RSV and Group A Strep utilize antibodies to directly detect the pathogen present in the sample, where PCR amplifies the original target from a few copies to a few billion copies. This increases the sensitivity of detection as well as the specificity and reliability of the result because each PCR test targets a pathogen-specific nucleic acid sequence.

Learn more at [cobasLiat.roche.com](https://cobasLiat.roche.com)

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