

[Open Peer Review on Qeios](#)

Reverse Transcriptase-Polymerase Chain Reaction

National Cancer Institute

Source

National Cancer Institute. *Reverse Transcriptase-Polymerase Chain Reaction*. NCI Thesaurus. Code C18136.

A laboratory procedure in which an RNA strand is first transcribed into a DNA complement and then subjected to PCR amplification. Transcribing an RNA strand into a DNA complement is termed reverse transcription and is done by the enzyme reverse transcriptase.