



# Molecular Mouse

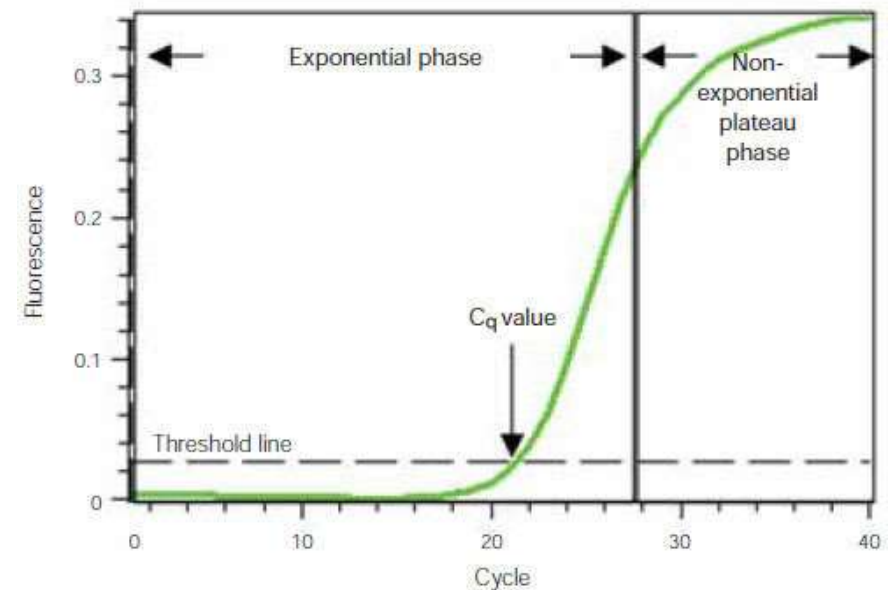
---

Qualitative and fast analysis of DNA targets  
through real-time PCR

# What does Molecular Mouse do?

Molecular Mouse performs real time PCR (Polymerase Chain Reaction), a molecular biology method that amplifies and quantifies DNA or RNA in real time, providing precise and immediate results.

Real-time PCR is widely used in various applications, including gene expression analysis, pathogen detection, and genetic research.



# How does Molecular Mouse work?

---

Molecular Mouse uses ready-to-use lab-on-chip cartridges containing lyophilized reagents in micro-wells. Users place their samples for analysis in each well and initiate the PCR reaction. In approximately one hour, the reaction is completed, and the results are presented within the application.



# Tech stack

**Main application**  
Desktop application developed in C#  
+ WPF + SQLite



WPF

