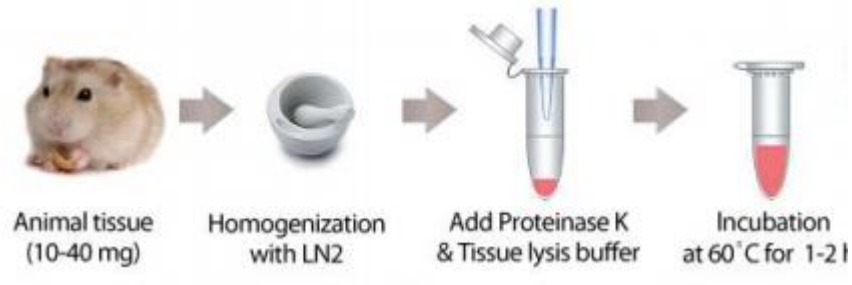
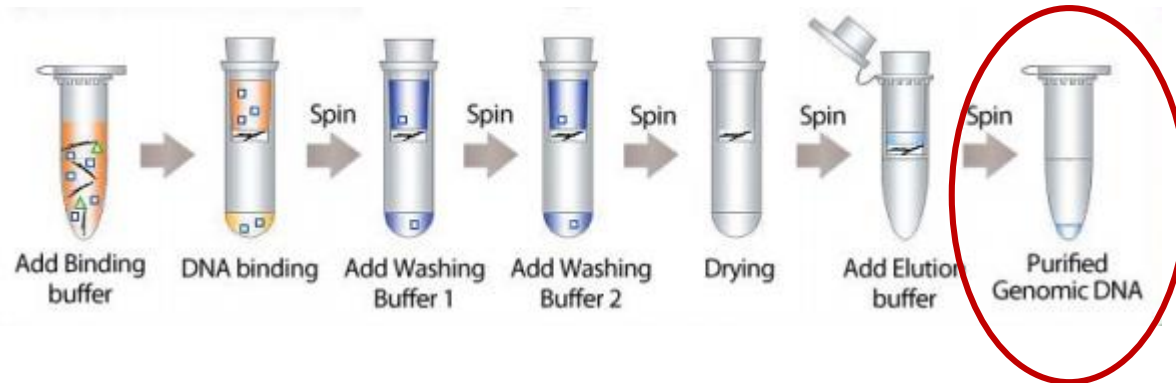


# DNA extraction

Day 1

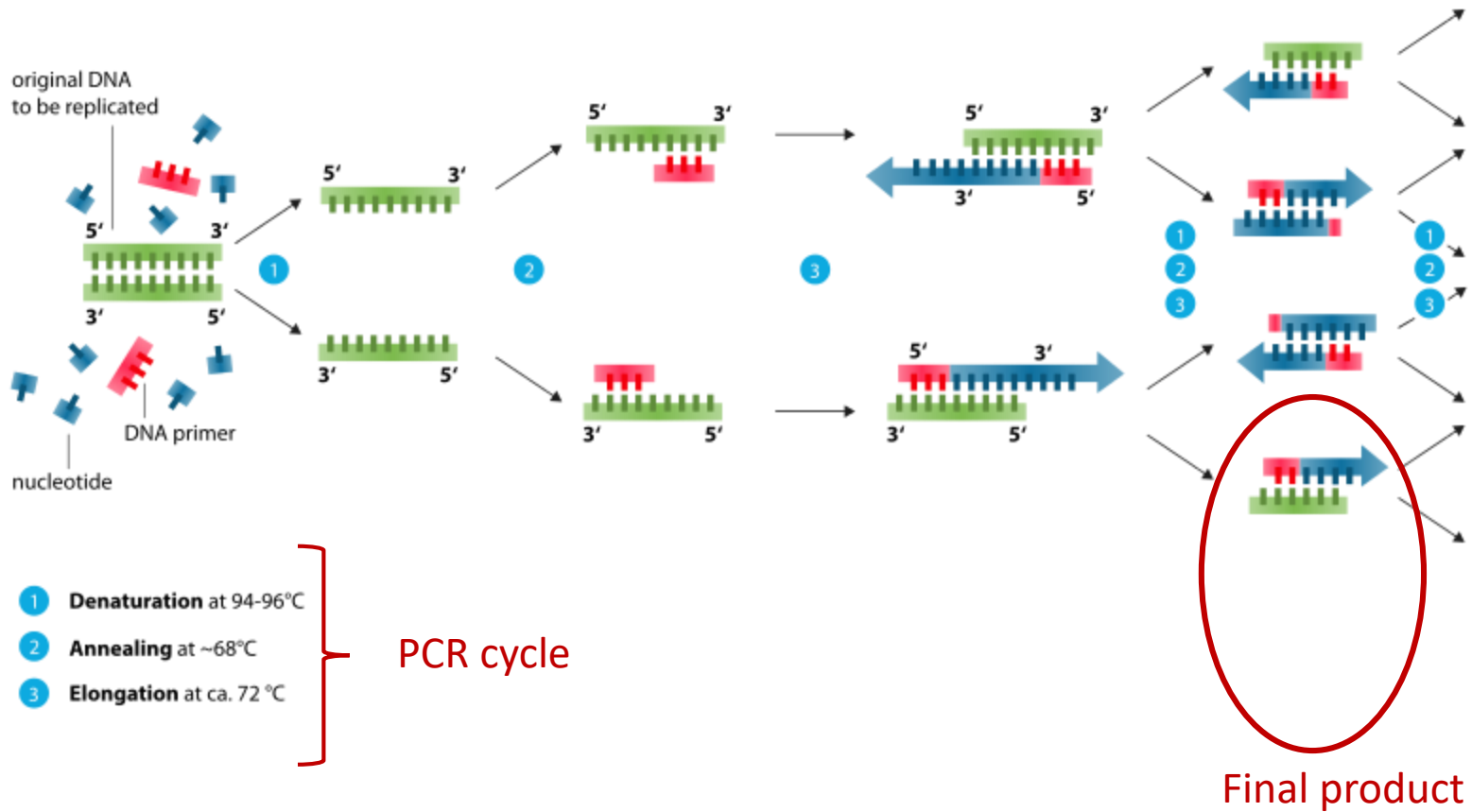


Day 2

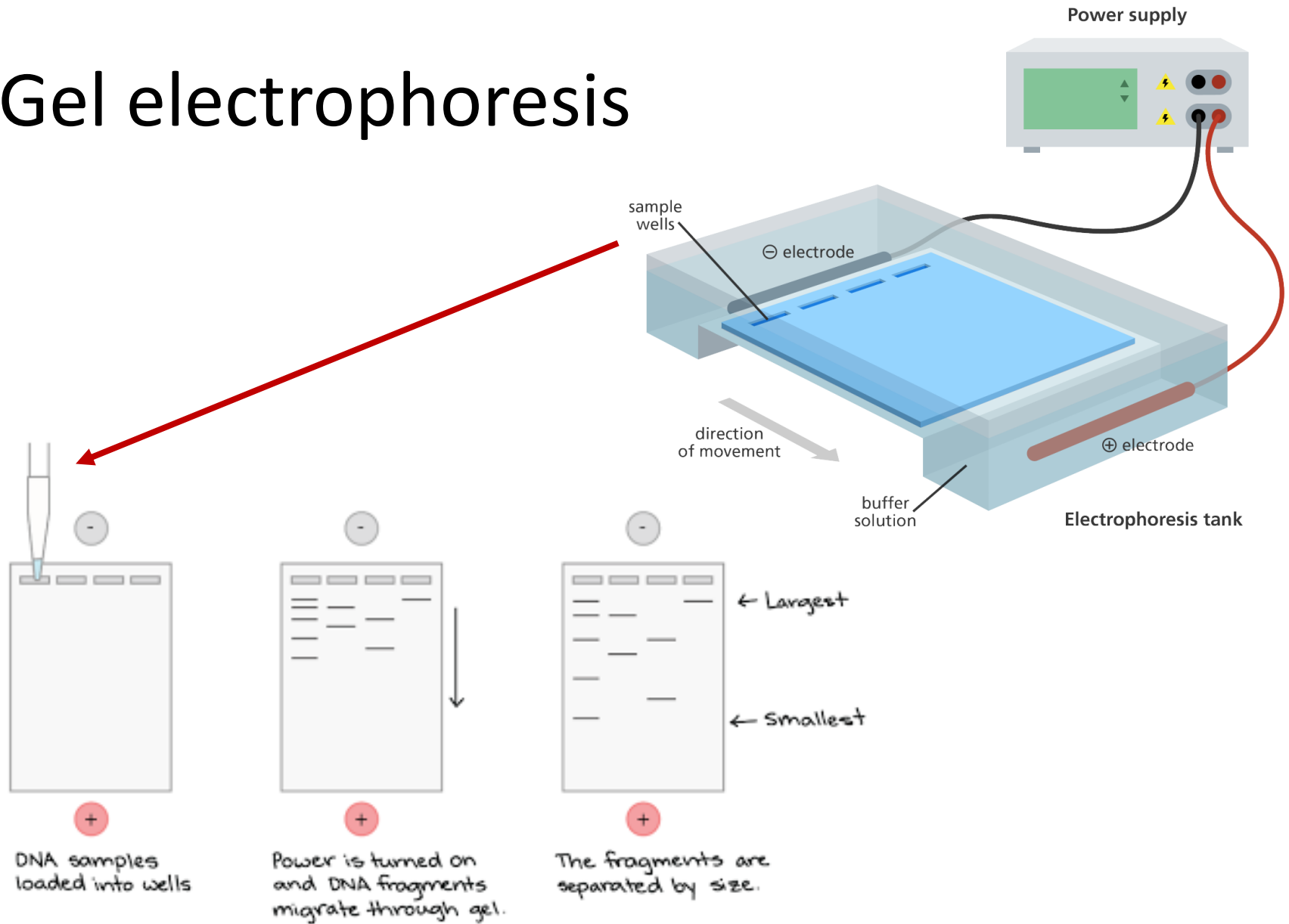


Final product

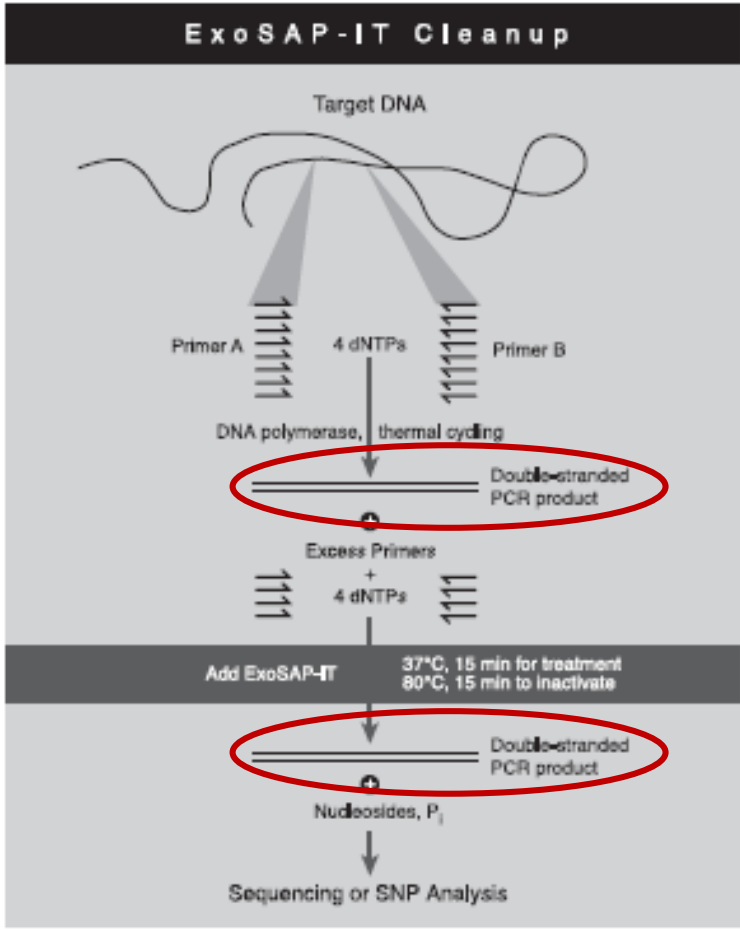
# Polymerase chain reaction (PCR)



# Gel electrophoresis



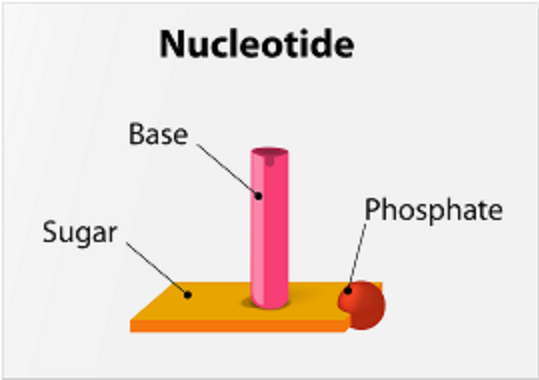
# PCR purification



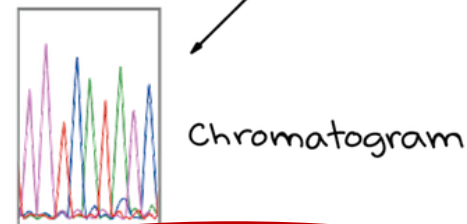
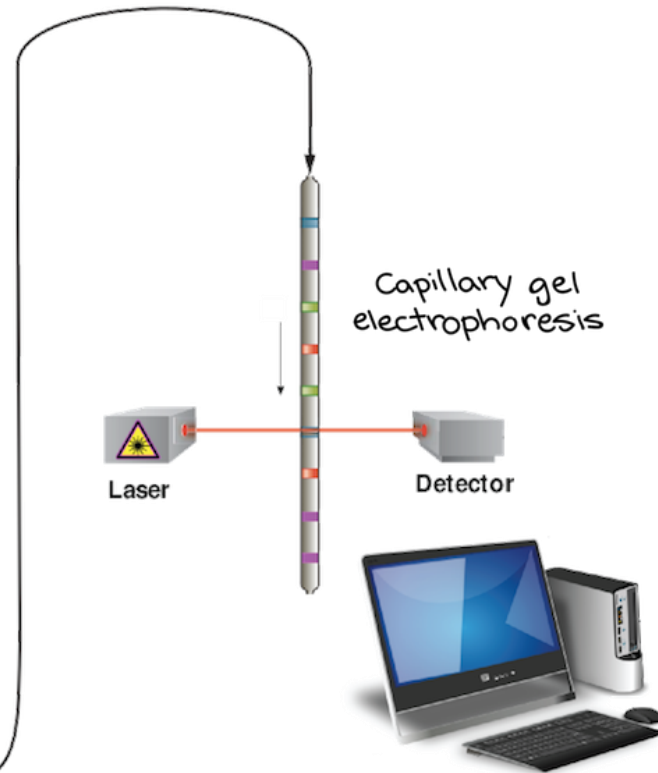
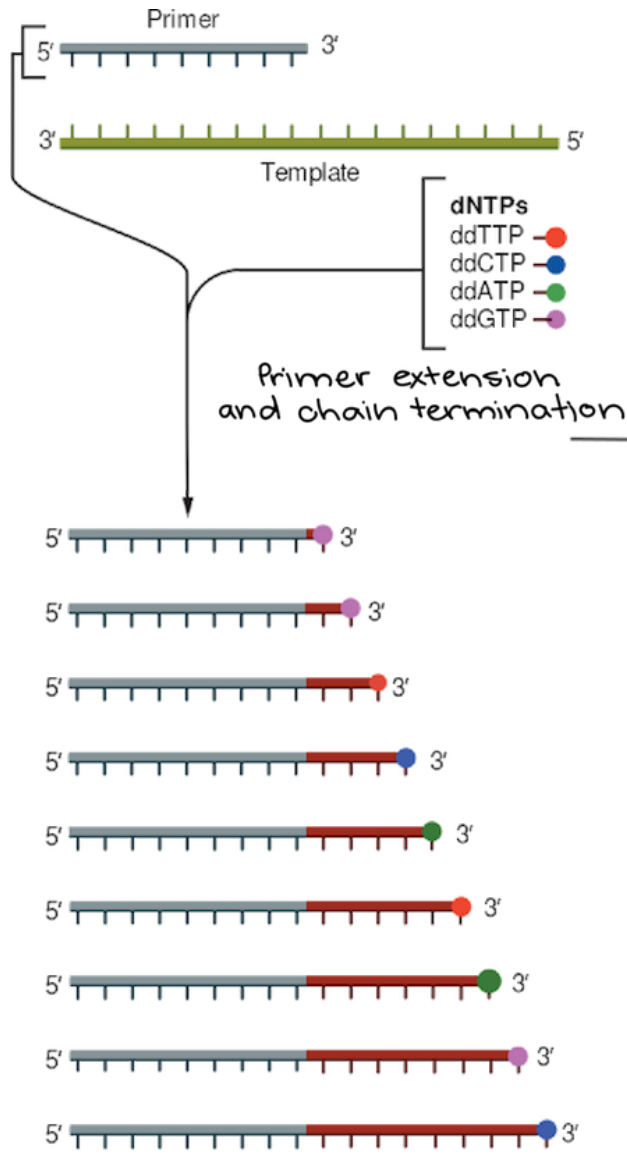
PCR product

Final purified product

# DNA structure



# Sanger sequencing



Final result

GGTCATAGC ← Sequence

## Image Sources

- <https://www.khanacademy.org/science/high-school-biology/hs-molecular-genetics/hs-biotechnology/a/dna-sequencing>
- <https://www.khanacademy.org/science/high-school-biology/hs-molecular-genetics/hs-biotechnology/a/dna-sequencing>
- [https://en.wikipedia.org/wiki/Polymerase\\_chain\\_reaction](https://en.wikipedia.org/wiki/Polymerase_chain_reaction)
- <https://eng.bioneer.com/index.php/20-k-3032.html>
- <https://www.yourgenome.org/facts/what-is-gel-electrophoresis>