

# 如何居家 DIY CRISPR

## 第一个需要 PCR

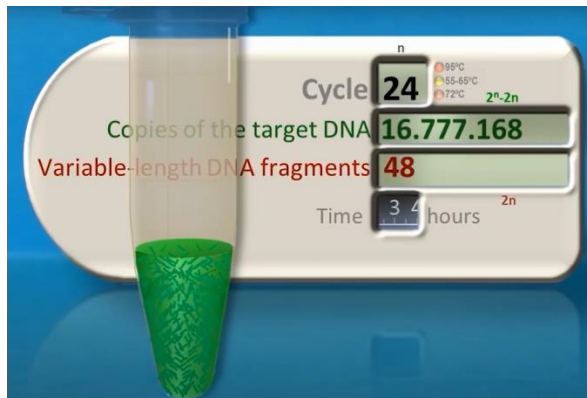


## PCR Thermal Cycle

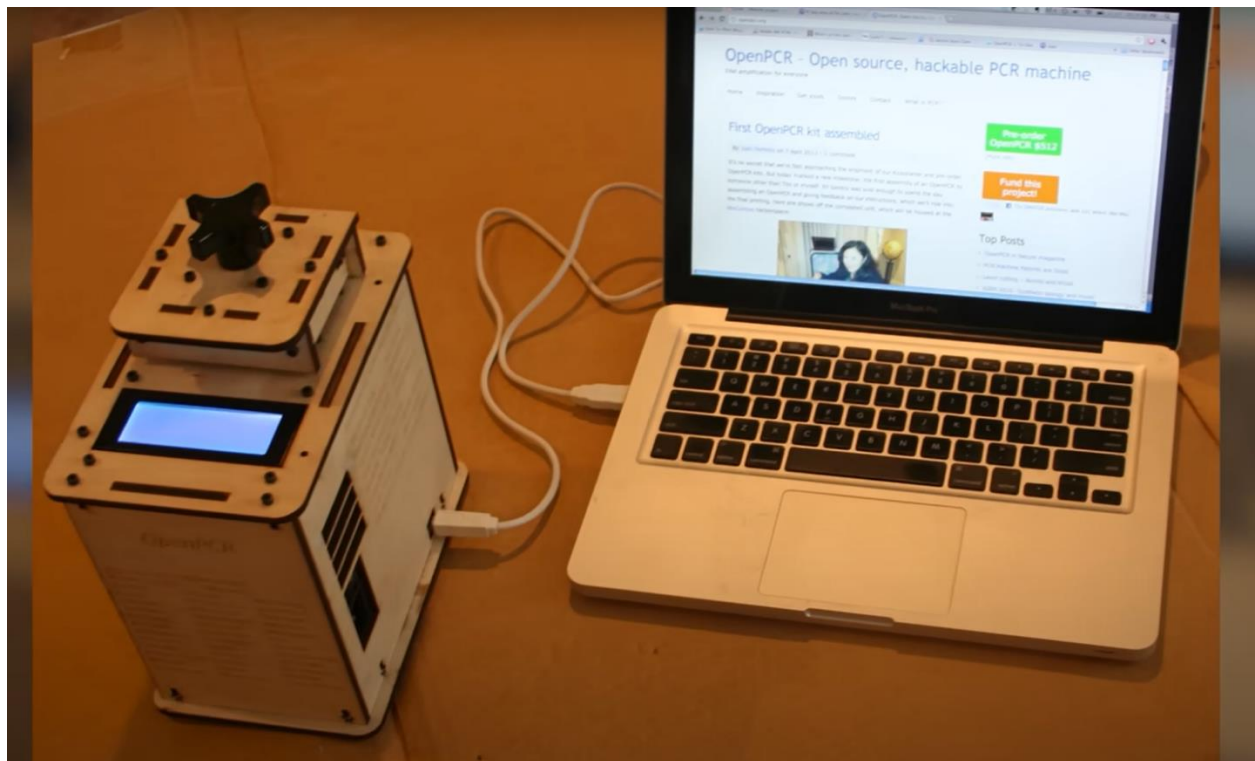
这个是为了复制 DNA



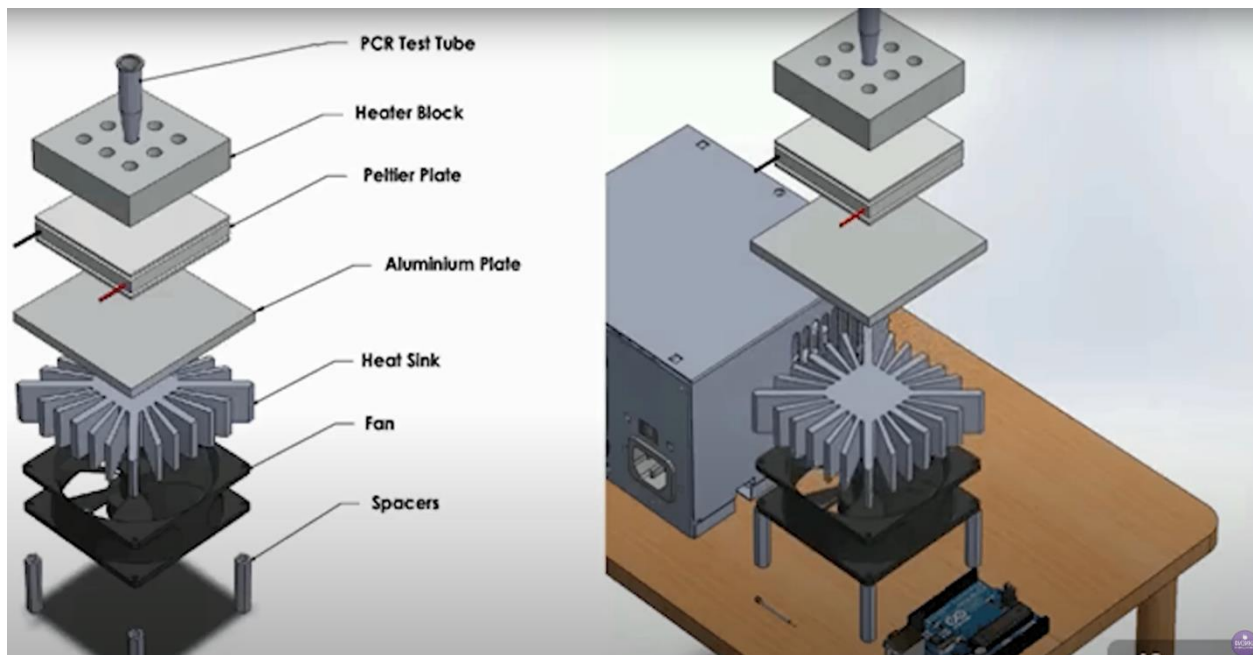
每一个 cycle 上次 那么 DNA fragments 会被 replicated 跟多次



DIY OpenPCR



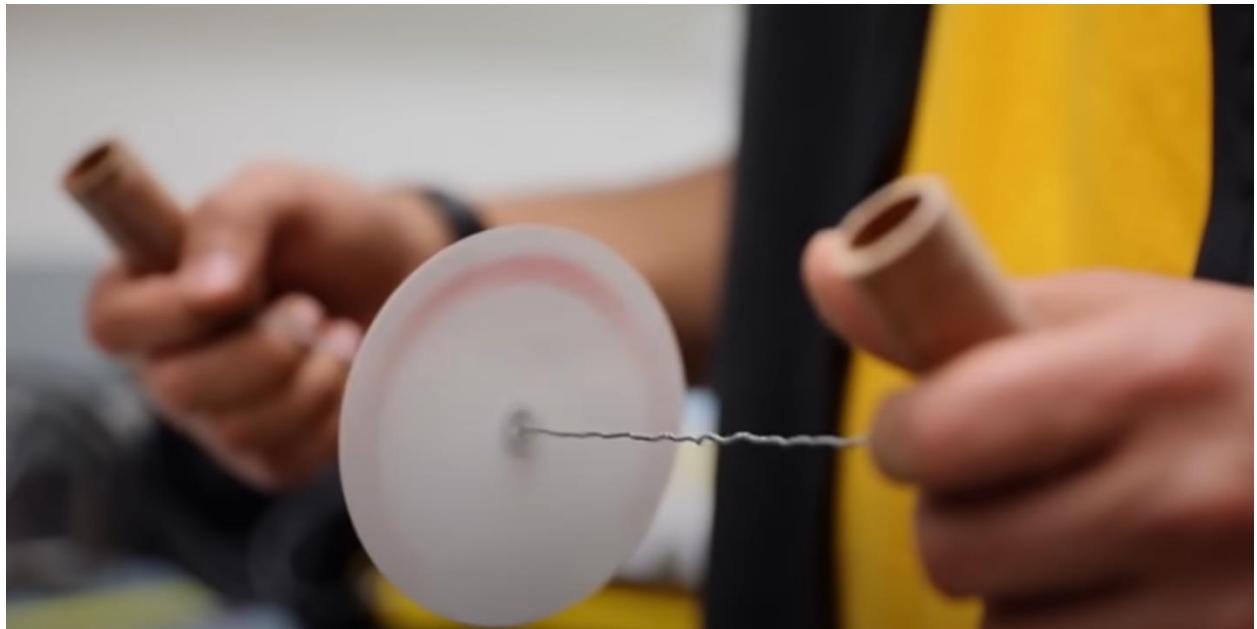
Diagram



当然你还需要 Centrifuge

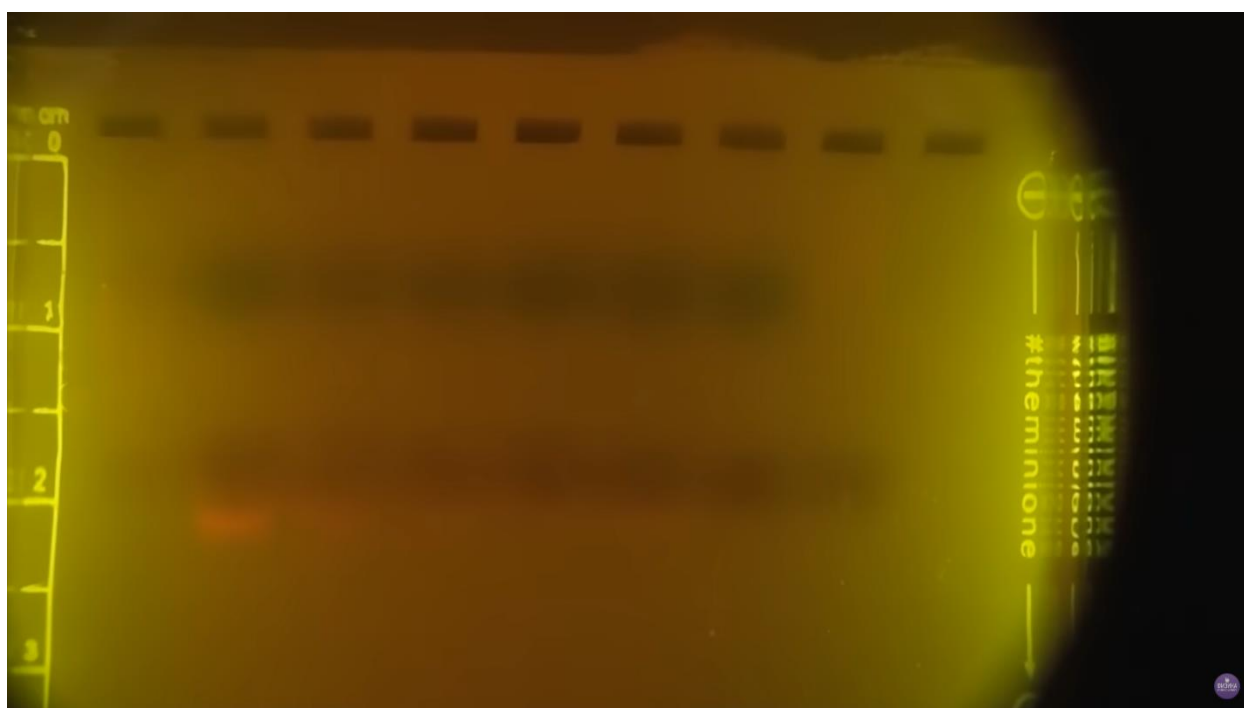
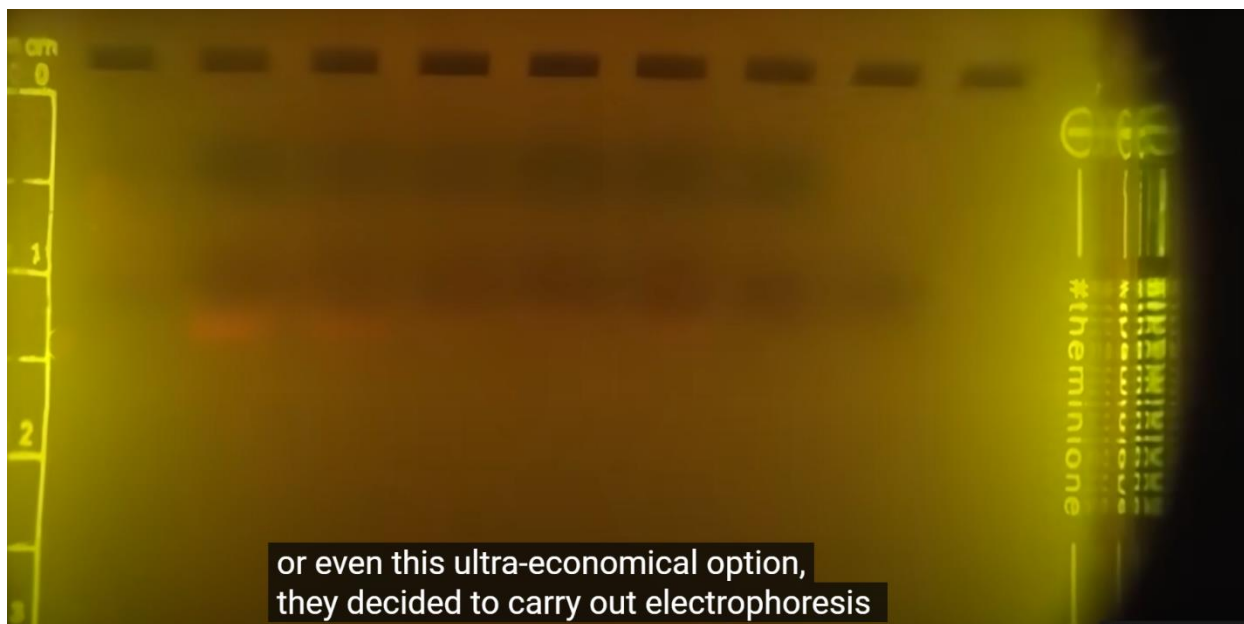


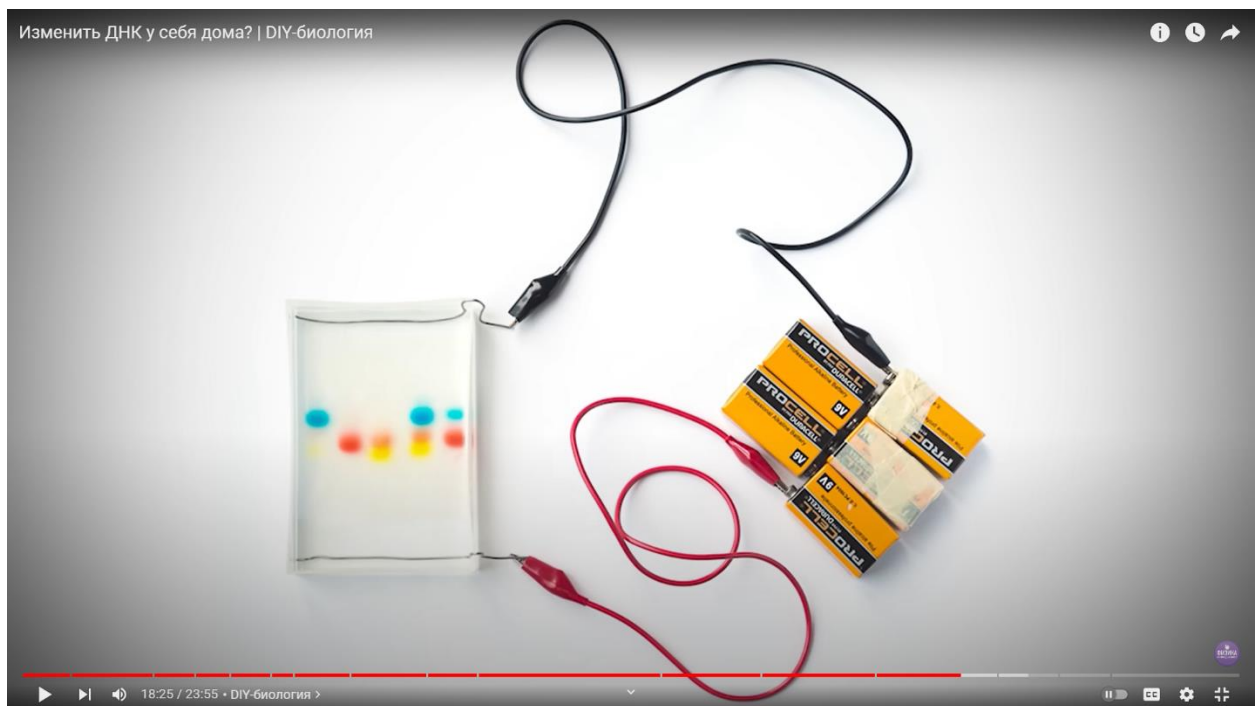
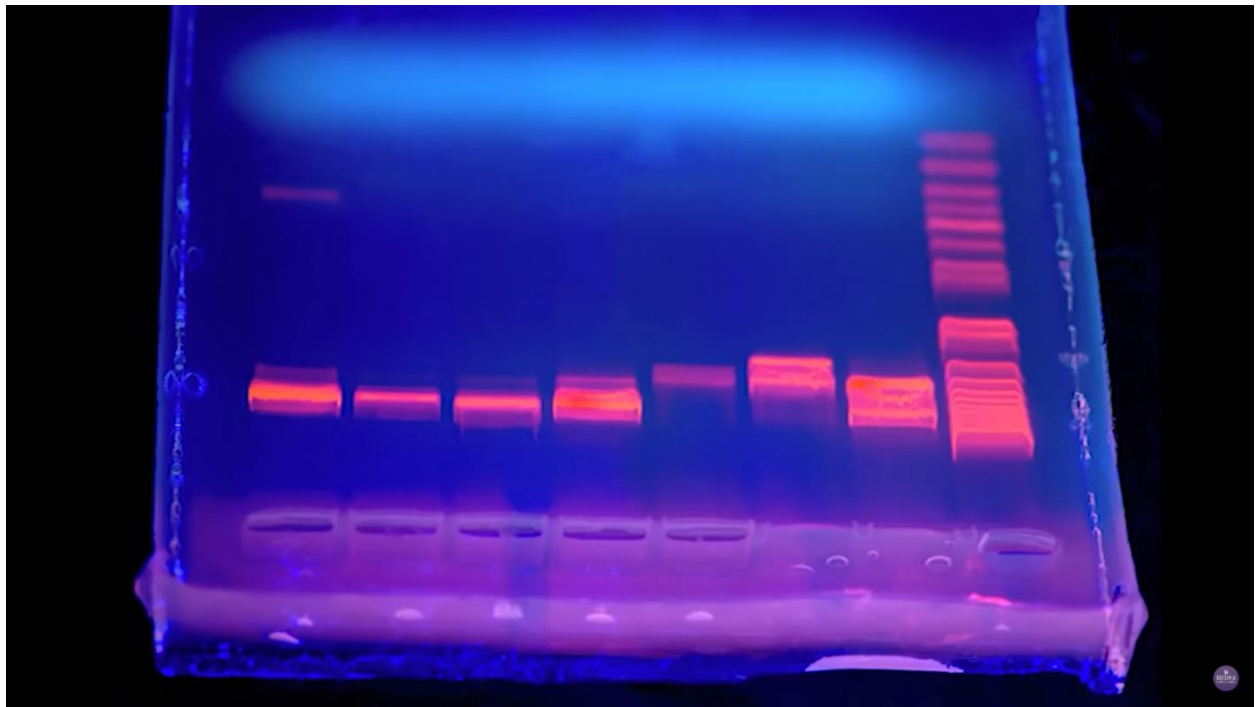




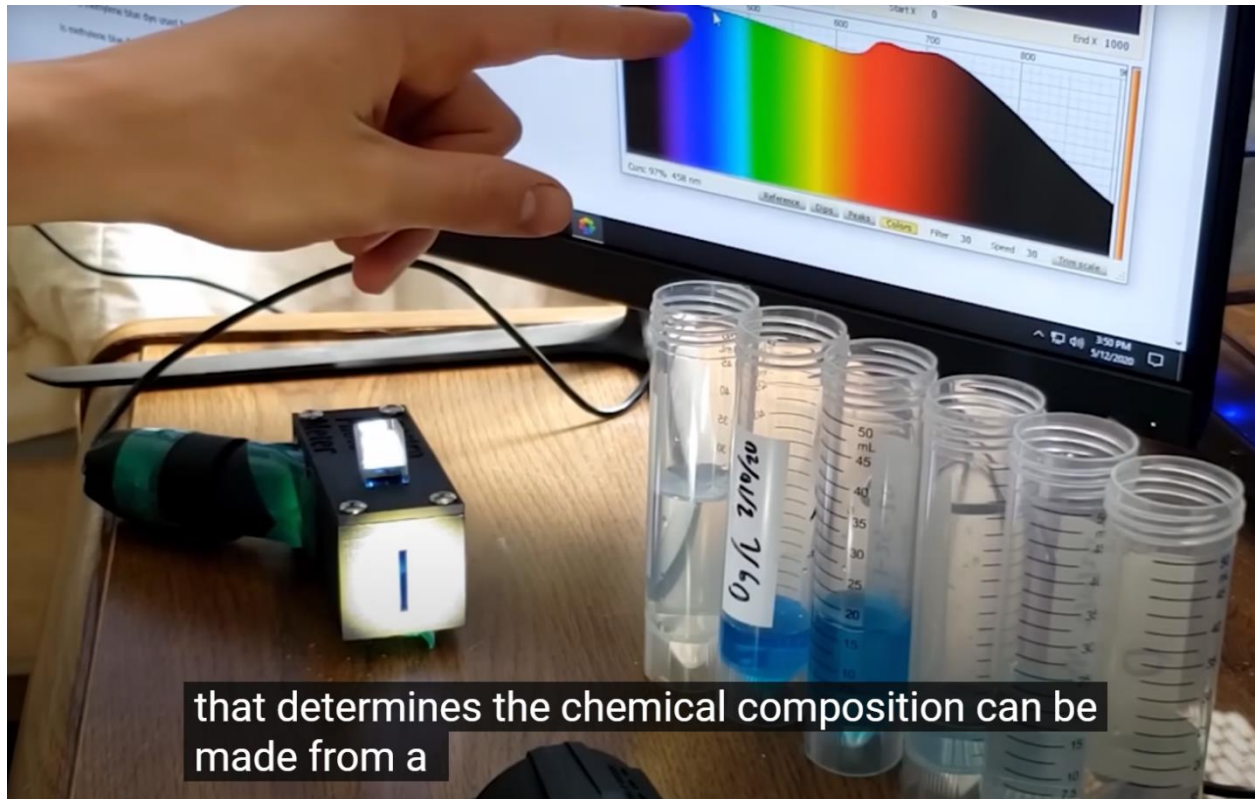
Electrophoresis 电泳







Spectrometer



Last but not least 最后还有 order enzyme, primers, buffer solutions of DNA sample