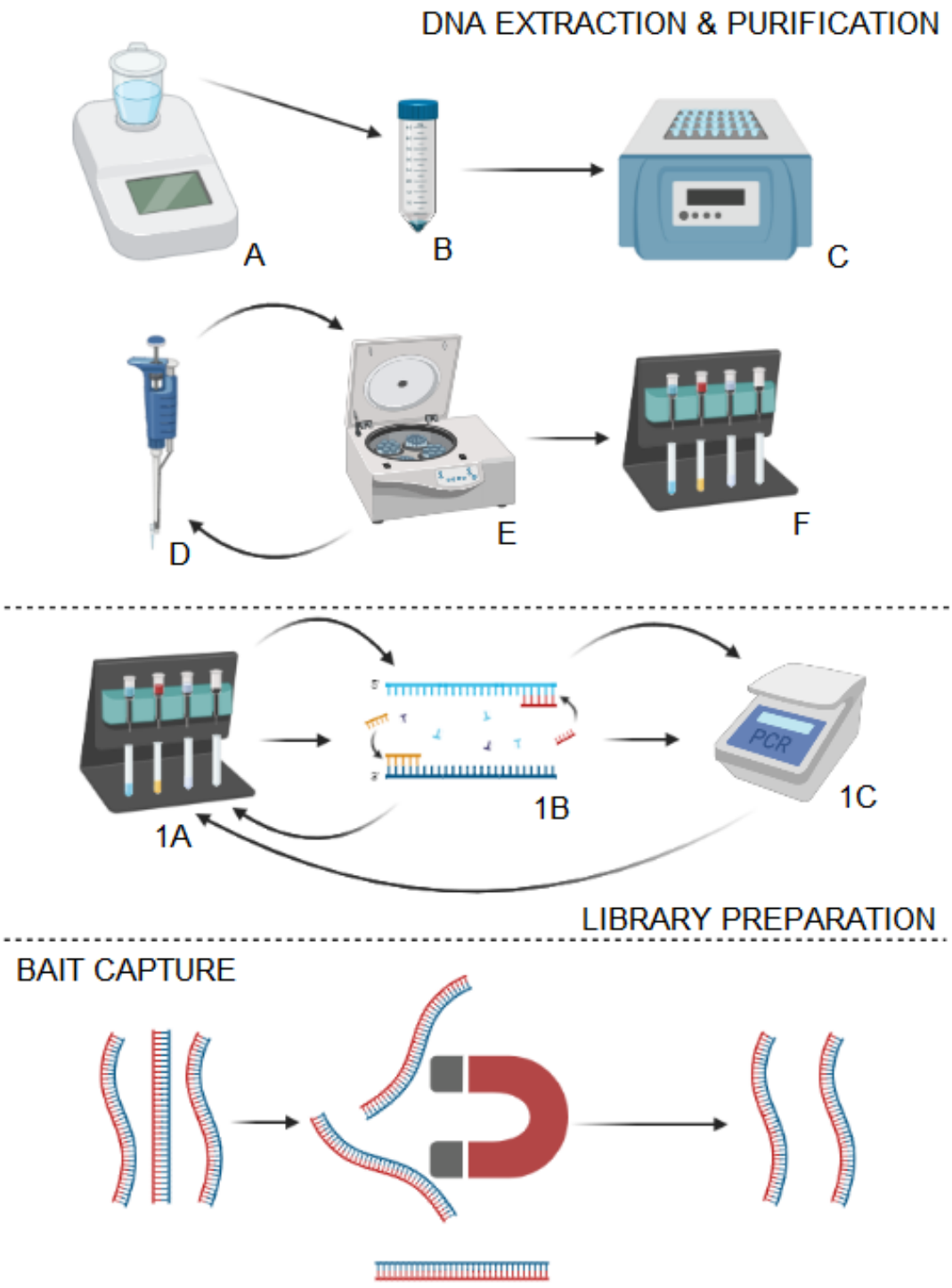

DNA EXTRACTION & PURIFICATION. **A.** CTAB/SDS Buffers need be warmed for upwards of an hour before use. **B.** Add extraction buffers to samples. **C.** Allow samples to sit in extraction buffer overnight. **D & E.** Select factions with DNA and clean with chloroform. **F.** Use magnetic beads to remove highly fragmented DNA before quantizing for next process. **LIBRARY PREPERATION. 1A.** Perform both LH and RH size selection **(1B)** with various ligation steps, **(1C)** and PCR reactions to prepare for Hyb-Seq. **BAIT CAPTURE.** Ligate DNA, and select for target sequences, before proceeding to sequencing.