MAGNETIC BEAD REMOVAL METHOD, DEVICE, AND STORAGE MEDIUM

ABSTRACT

The present disclosure discloses a magnetic bead removal method, device, and storage medium, including: placing a liquid bag with a curved flow channel on a magnetic platform, wherein a plane where the curved flow channel is located is above the magnetic platform and parallel to the magnetic platform; controlling a first flow control assembly to communicate the liquid bag with a sample container, thereby inputting a liquid containing immunomagnetic cells and non-magnetic immune cells into the curved flow channel from the sample container; performing a flattening operation on the liquid bag to increase a contact surface between a bottom surface of the curved flow channel and the magnetic platform, thereby adsorbing the immunomagnetic cells in the curved flow channel onto the contact surface through the magnetic platform; and performing a collection operation to collect the non-magnetic immune cells in the curved flow channel into a collection container.

Fig. 1