Isolation Method of Cell-Free DNA

Workflow

Centrifuge the serum sample for 15 min at 13000 rpm. 1ml of supernatant adding it to a 2ml Microtube.

Add 400 µL of CFLB & 30 µL of Proteinase K & 10 µL of CF Carrier and close the cap. Incubate the mixture for 30 min at 60°C.
Add 700 µL of cold Ethanol Vortex for 30 seconds & Incubate at 4°C for 10 min.

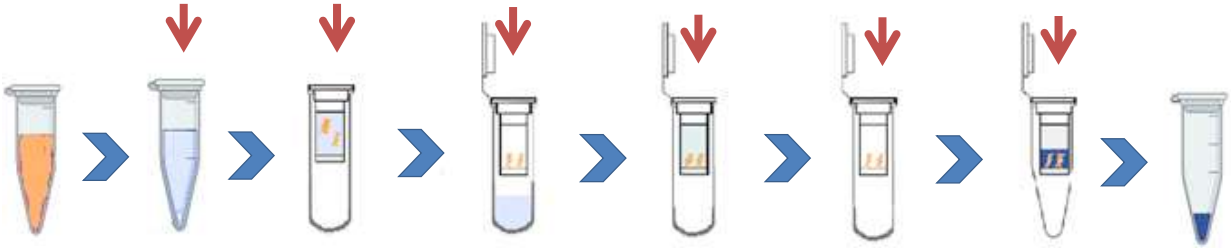
Transfer 750 µL of lysate onto the column and incubate for 2 min at RT.
Centrifuge at 8,000 x g for 2 min. Discard the flow through. Reassemble the spin column. Repeat these steps until all of the lysate has been drawn through the column

Add 300 µl CFWB1 and Centrifuge at 11,000xg 1 min Discard the flowthrough

Add 300 µl CFWB2 and Centrifuge at 11,000xg 1 min Discard the flowthrough

Place the column into an Elution tube Add 50 µl CFEB & Incubate for 2min at RT & Centrifuge 12,000xg 1 min

Purified Cell Free DNA



Sample Lysis | Nucleic acid Binding | Flow Through | 1st Wash | 2nd Wash | Elution

This is a flowchart which does not contain detailed information. please scan the QR code to access the manual.