

Vacuum Centrifuge Operation

1. Place the sample with the lids open so that the lids are oriented in the opposite direction of rotation of the rotor. Make sure it is balanced and securely in place. Close the lid of the speed vacuum.
2. Turn on the power and switch on the rotor to ensure that the tubes are securedly placed. Do not use heat for this operation.
3. Then push the vacuum knob, (green), to the right 90 degrees, slowly in the open position. Let it spin for 15 minutes.
4. To turn off, switch the knob (green), back down to its original position 90 degrees pointing down, then switch off the rotor and then switch off the centrifuge. Remeasure the concentration of the DNA/RNA of the samples. If the sample still does not meet the 50 ng/ul threshold, repeat the vacuum centrifuge to further concentrate the sample. (50ng/ul concentration is required, because in the next step we will need 50ng of each of RNA and DNA in a 2ul volume for amplification).