

Appendix 4: Procedures of buffy coat technique.

Blood was collected from marginal ear vein using heparinized micro-haematocrit capillary tube from the animal with a lancet.
Sealed the end outer most the tube by using crystal seal.
The capillary tubes were placed in micro-haematocrit centrifuge was loaded symmetrically to ensure good balance.
The rotary cover and closing the centrifuge lid, the specimens were allowed to centrifuge at 12,000 rpm for 5 min.
The capillary tube was cut using a diamond tipped pen 1 mm below the buffy coat to include the upper most layers of the red blood cells and 3 mm above to include the plasma.
Transfer the capillary tube on to a clean glass slide and covered with cover slip.
The slide was examined under $\times 40$ objective microscope to identification of the parasite.