



OptiSerum™ eye drops are prepared from the umbilical cord blood collected from donors during the birthing process. All donors are sourced and counselled through the Netcare Transplant Unit.

All donors sign an informed consent and are screened for the following transmissible diseases: HIV, Hepatitis B & C, HTLV I & II, Syphilis, CMV as well as HSV I and II. The serum is discarded if any of these are positive.

The umbilical cord blood is collected from the placenta after delivery of the baby. The blood is left to clot at room temperature and then centrifuged to separate the serum fraction from the cellular fraction. The serum fraction is diluted to 20% with BSS Sterile Irrigation Solution and decanted into 5 ml eye dropper bottles using aseptic techniques in a clean room environment. The bottled serum is then frozen at -80°C for long term storage.

All samples are tested for bacterial and fungal contamination to ensure sterility of the product.

No preservatives are added to the drops.

