

The method for producing the antigen employed for diagnosing bovine leukemia comprises culturing the transplantable cell lines in the mixture of culture media supplemented with bovine serum followed by separating the phases. The mixture of culture media, namely Eagle's medium and medium 199 is further supplemented with the aglobulin serum from the blood of the cattle, L-glutamine, insulin, and Enrobiofloz. Then culture medium is combined with supernatant obtained upon the addition of the surface-active agent to the BLV-infected spleen and kidney cells of calves fixed onto glass surface. Finally, the antigen obtained is titrated in precipitation assay.