

Method for obtaining mesenchymal stem cells with high proliferative activity from the bone marrow of a 2-day-old sheep femur after slaughter involves collecting bone marrow from the animal. After slaughter, the femurs are treated with a 70% alcohol solution. Within 3 days after slaughter, the bone is cut with a sterile saw, and the biomaterial is collected into a sterile test tube for subsequent cultivation under sterile conditions.