

MONOCLONAL ANTIBODIES gp51 AND p24 IN BOVINE LEUKOSIS IMMUNO DIAGNOSTICS

A. Snarskytė, J. Glamba, D. Apanavičienė

Summary. Enzyme-linked immunosorbent assay (ELISA) is widely applied in serological diagnostics of bovine leukosis. The results of our work have shown that Monoclonal antibodies (MA) gp51 and p24 allow less purified antigen to be used in ELISA without effecting the sensitivity and specificities of the method.

Antibodies against Bovine leukosis virus (BLV) gp51 antigen are detected in considerably higher solutions than by means of agar gel immunodiffusion method (AGID). Moreover, by means of this method a greater number of BLV infected cattle has been detected.