Abstract

Five Mexican Hairless boars were inoculated with Blue Eye Disease Rubulavirus in order to study clinical signs and pathologic findings in this breed. After inoculation by both intranasal and intramuscular routes clinical signs were observed in each boar daily. Subsequently, animals were slaughtered at 5, 10, 20, 30 and 45 days after inoculation. Samples were taken from tonsils, liver, lung, spleen, kidneys, mediastinic nodules, brain, testicles, epididimus, prostate, Cowper gland and seminal vesicles for histopathology and viral isolation. Clinical signs were evident after 15 days postinoculation. Corneal opacity and testicle edematization were observed 7 days after inoculation. The epididimus head presented granulomatous nodules at 20, 30 and 45 days post-infection. Some samples for viral isolation were positive at 5, 10, 20, 30 and 45 days.

Keywords

Blue Eye Disease, Mexican Hairless Pigs.