

Study the karyotype for local and white Leghorn Chickens

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ABSTRACT

This study was conducted at the Dept. of Animal Resources, College of Agriculture. University of Baghdad and completed at the laboratories of dangerous material and environmental research at the ministry of science and technology during the period from 15/10/2004 to 30/9/2005 to investigate the karyotype features of the Local and White Leghorn chickens, because there is no such studies about this subject in Iraq before, so four birds from each of Local and White Leghorn chickens at sexual maturity which were vaccinated with staphylococcus aureus (S.aureas) antigene killed by formalin prepared for this purpose were employed for this study. By using lymphocyte leocus culture technique photographic karyotype pictures for Blast cell of female leghorn were obtained and pictures for chromosomes at Metaphase for local female were re-arranged according to their length from CH 1 to CH 8 including the Sex chromosomes CH 5.