

BREED AND GENDER DEPENDENCY OF BLOOD TYPE IN DOGS

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Abstract. The aim of the study was to develop the methodology for determining the blood type of dogs by using Alvedia's rapid tests. The study involved 82 dogs. Selected from 1 to 9 years of age, healthy, timely vaccinated, overweight, untreated, good condition, weighing at least 25 kg, non-tick-borne and non-blood transfusion, good tempered dogs.

The results of this study showed that among dog blood donors in "Santaka" veterinary clinic most common dog breeds are: Bernese mountain dog, chow-chow, Labrador retrievers, and German shepherds. The majority of blood donors are females (56%) and the most common dog blood type is DEA1.1 + positive (71%). Bernese mountain dog, Labrador retriever, German shepherd, golden retriever, Staffordshire terrier, long-haired collie breeds and mixed breed dogs are characterized by DEA1.1 + positive blood type, chow-chow breed dogs – DEA1.1- negative blood type. Our purpose was to determine the amount and breed of blood donor dogs, the distribution of blood types DEA1.1 according to breeds and gender.

Keywords: dog, blood, dog blood types, (DEA).1.1.