SURVEY OF ANTIBODY RABIES TITER ON DOGS THAT ENTERING INDONESIA THROUGH SOEKARNO HATTA AIRPORT IN OCTOBER 2018-JANUARY 2019

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ABSTRACT

The purpose of this study was to identify whether the level of protection of dogs entering Indonesia through Soekarno-Hatta Airport in the period October 2018 - January 2019 meets the OIE’s protective antibody standard requirements, that is 0.5 IU / ml, as well as to find out the number of dogs with a level of protectivity based on gender, age, country status, and dog breeds. The study was conducted by using a secondary data of dogs imported through Soekarno-Hatta Airport, Jakarta in the period of October 2018 – January 2019. The result shows that there are 175 out of 302 dogs that entered Indonesia through Soekarno-Hatta Airport in the period from October 2018 to January 2019, with antibody titers that did not comply with OIE standards (not protective). Furthermore, based on gender, age, and country status, there are 94, 117, 94 dogs with antibody titers that did not comply with OIE standards (not protective) respectively, and breeds of dogs that have a tendency for antibody titers that are not protective are large and medium sized dogs (Labrador, Rotweillers, and Alaskan Malamute).

Key words: rabies, antibody titer, gender, age, country status, dog breeds