

ABSTRAK

Deteksi Covid-19 Pada Hewan Ternak Babi di Kecamatan Gamping, Kabupaten Sleman, Daerah Istimewa Yogyakarta

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Covid-19 atau SARS-CoV-2 merupakan infeksi sistem pernapasan. Hewan babi dapat tertular SARS-CoV-2 karena hewan babi memiliki reseptor ACE2 mirip seperti pada manusia. Penelitian ini bertujuan untuk mendeteksi keberadaan virus Covid-19 pada hewan ternak babi di wilayah persebaran Covid-19, yaitu di Kelurahan Ambarketawang, Kecamatan Gamping. Penelitian dilakukan pada 10 September 2022 dari 12 babi dengan gejala pada sistem pernapasan dan pencernaan di daerah Kelurahan Ambarketawang, Kecamatan Gamping yang merupakan wilayah persebaran Covid-19 menggunakan *rapid test Test Kit New Lungene®* oleh PT. Taishan Alkes Indonesia disertai pemeriksaan fisik untuk mendeteksi gejala klinis. Pengambilan sampel diperoleh 12 sampel dengan hasil negatif dan masing-masing babi tidak mengalami gejala klinis. Dapat disimpulkan bahwa tidak ditemukan hasil positif *rapid test* pada hewan babi.

Kata Kunci: SARS-CoV-2, *Rapid Test*, Babi

ABSTRACT

Covid-19 Detection in Pigs in Gamping District, Sleman Regency, Special Region of Yogyakarta

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Covid-19 or SARS-CoV-2 is a respiratory system infection. Pigs can be infected with SARS-CoV-2 because pigs have ACE2 receptors similar to humans. This study aims to detect the presence of the Covid-19 virus in pigs in the Covid-19 distribution area, namely in Ambarketawang, Gamping District. The study was conducted on September 10th 2022 from 12 pigs with symptoms of the respiratory and digestive systems in Ambarketawang, Gamping District which is a Covid-19 distribution area using New Lungene® Rapid Test Kit by PT. Taishan Alkes Indonesia and accompanied by a physical examination to detect clinical symptoms. Sampling obtained 12 samples with negative results and each pig did not experience clinical symptoms. It can be concluded that there were no positive rapid test results in pigs.

Keywords: SARS-CoV-2, Rapid Test, Pigs