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Subject: PRO/AH/EDR> COVID-19 update (292): animal, UK, dog, OIE

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CORONAVIRUS DISEASE 2019 UPDATE (292): ANIMAL, UK, DOG, OIE

A ProMED-mail post

<http://www.promedmail.org>

ProMED-mail is a program of the

International Society for Infectious Diseases

<http://www.isid.org>

Date: Tue 24 Aug 2021

Source: OIE, WAHID (World Animal Health Information Database), weekly disease information 2021 [edited]

<https://wahis.oie.int/#/report-info?reportId=38348>

SARS-CoV-2 in animals (inf. with), United Kingdom

Summary

Report type: Immediate notification

Start on: [9 Jul 2021]

Confirmed: 22 Aug 2021

Reported: 24 Aug 2021

Ended: [9 Jul 2021]

Reason for notification: Emerging disease

Event morbidity (%): 100

Event mortality: -

Zoonotic potential: -

Diagnostic details: Laboratory test

Causal agent: SARS-CoV-2

Outbreak location: Trinity, Jersey

Started: 9 Jul 2021

Ended: 9 Jul 2021

Epidemiological unit: Not applicable

Total animals affected:

Species / Susceptible / Cases / Deaths / Killed and disposed of / Slaughtered or killed for commercial use / Vaccinated

Dog / 1 / 1 / 0 / 0 / 0 / 0

Epidemiology

Source of the outbreak(s) or origin of infection: Direct contact with a COVID-19-positive human (person confirmed by PCR test).
Epidemiological comments: A domestic dog from a COVID-positive household was tested positive for SARS-CoV-2 by PCR. The dog was presented to a private veterinary surgeon in a collapsed state on 9 Jul 2021. It was unresponsive to treatment and was humanely euthanised later the same day. Swabbing for SARS-CoV-2 was undertaken post-mortem by a private veterinary surgeon and sent to a private laboratory for testing. On receipt of the result, the private veterinary surgeon notified the Government of Jersey veterinary section. Animal and Plant Health Agency (APHA) repeated testing of the original sample at the UK National Reference Lab for SARS-CoV-2, by PCR with positive result. There was no other material available to test. Live SARS-CoV-2 virus was not detected in cell culture from the swab wash eluate sample by virus isolation after 7 days. There are no other pets in the household. The case is considered resolved. Conclusions: There is sufficient evidence that the dog was infected with SARS-CoV-2. However, there is insufficient evidence to demonstrate if the dog was clinically affected by the virus and the dog had other significant underlying health conditions. Origin of the infection suspected to be direct contact with person diagnosed with COVID-19. Nota bene: The outbreak location used is that of the Government of Jersey veterinary section to protect any data relating to people.

Diagnostic test results

Laboratory name and type / Species / Outbreaks / Test / Test result date / Result

Animal and Plant Health Agency (APHA), Weybridge (national laboratory) / Dog / 1 / Virus isolation / 19 Aug 2021 / Negative
IDEXX Lab, Kornwestheim, Germany (private laboratory) / Dog / 1 / Real-time reverse transcription polymerase chain reaction (rRT-PCR) / 20 Jul 2021 / Positive

APHA, Weybridge (national laboratory) / Dog / 1 / rRT-PCR / 12 Aug 2021 / Positive

APHA, Weybridge (national laboratory) / Dog / 1 / rRT-PCR / 10 Aug 2021 / Positive

[The location of the outbreak can be seen on the interactive map included in the OIE report at the source URL above.]

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Communicated by:

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[More information about the SARS-CoV-2 events in animals reported by countries to the OIE can be found in the OIE COVID-19 portal, section "Event in animals" (see "OIE Members have been keeping the OIE updated on any investigations or outcomes of investigations in animals"), at <https://www.oie.int/en/what-we-offer/emergency-and-resilience/covid-19/> (page last updated 23 Aug 2021).

The 3rd OIE situation report on SARS-CoV-2 in animals, published on 31 Jul 2021, is available at <https://www.oie.int/app/uploads/2021/08/sars-cov-2-situation-report-3.pdf>. - Mod.CRD

HealthMap/ProMED map:

United Kingdom: <https://promedmail.org/promed-post?place=8621632,40>

See Also

COVID-19 update (187): animal, Uruguay, dog, cat, OIE 20210529.8404030

COVID-19 update (174): animal, Thailand, dog, OIE 20210518.8368402

COVID-19 update (152): animal, Croatia, dog, OIE 20210429.8336058

COVID-19 update (109): animal, Argentina, Italy, cat, dog, OIE 20210323.8262789

COVID-19 update (101): animal, USA, UK variant 20210316.8251626

COVID-19 update (93): animal, Estonia (HA) cat, OIE 20210310.8239589

COVID-19 update (71): animal, mink, WHO/FAO/OIE risk assessment 20210218.8200008

COVID-19 update (68): animal-human interface, OIE, mink 20210216.8195382

COVID-19 update (65): animal, China, origin, WHO mission, Huanan market 20210214.8190188
COVID-19 update (62): animal, Latvia (RA) cat, OIE 20210212.8187389
COVID-19 update (60): animal, SARS-CoV-2-related viruses, pangolin, bat 20210211.8184900
COVID-19 update (58): animal, China, origin, WHO mission 20210210.8183343
COVID-19 update (57): animal China (Hong Kong) dog, OIE 20210210.8182259
COVID-19 update (53): animal, mink, Denmark, zoonotic aspects 20210207.8173294
COVID-19 update (49): animal, Bosnia & Herzegovina (SA) dog, OIE 20210205.8165920
COVID-19 update (47): animal, Poland (PM), mink, OIE 20210204.8162830
COVID-19 update (43): animal, China, origin, WHO mission, Huanan market 20210201.8153415
COVID-19 update (41): animal, China, origin, WHO experts mission, visits start 20210130.8149337
COVID-19 update (39): animal, Spain, Switzerland, mink, cat, OIE 20210129.8146532
COVID-19 update (35): animal, South Korea (KN) cat 20210126.8138196
COVID-19 update (29): animal, peridomestic wildlife, experimental infection 20210122.8126905
COVID-19 update (27): animal, China, origin, WHO experts mission 20210121.8124456
COVID-19 update (22): animal, Russia (LN) St Petersburg, cat 20210117.8111937
2020

COVID-19 update (334): animal, Netherlands, mink, spread, UK, cat, 1st rep, OIE 20200727.7617582
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