GENOMIA
genetic laboratory

Customer: Jan Novák, Dlouhá 1, 30000 Plzeň, Czech Republic
Sample:
Sample: 21-12345
Date received: 01.02.2021
Sample type: blood

Information provided by the customer
Name: Lassie DEMO
Breed: Plemeno
Tattoo number: 1392013
Microchip: 123 456 789 012 345
Reg. number: REGQ12345
Date of birth: 1.1.2020
Sex: female
Date of sampling: 01.02.2021
The identity of the animal has been checked.

Result: CHV negative

Explanation

Presence or absence of CHV (Canine Herpes Viruses) genome in the sample was examined by PCR method. Clinically CHV can cause different types of diseases or infections such as acute neonatal viremia, systemic forms of infection in pregnant females, infection of the mucous membranes, eyes and latent infection. The virus usually attacks respiratory and genital apparatus. The process is dependent on the current state of the immune system of the individual. In newborn puppies CHV infection causes a fatal hemorrhagic and necrotic disease; in older animals subclinical infection is usual. Oronasal and sexual transmission of the virus are considered the main paths of infection, but transplacental transmission of infection is also possible. After symptomatic and asymptomatic infections, dogs remain latently infected. Latent virus persists in the trigeminal nerve ganglia, but was also found in other places such as lumbo-sacral ganglia, tonsils, parotid glands.

It is not possible to detect the virus using PCR in whole blood samples in case of latent virus infection.

In case of positive test result contact your veterinarian.

Method: SOP81, real-time PCR

Date of issue: 06.02.2021
Date of testing: 01.02.2021 - 06.02.2021
Approved by: Mgr. Martina Šafrová, Laboratory Manager

Genomia s.r.o, Republikánská 6, 31200 Plzeň, Czech Republic
www.genomia.cz, laborator@genomia.cz, tel: +420 373 749 999