PetVet Dx Revolutionizes Wildlife Conservation with AI and Molecular Diagnostics to Combat Incurable CWD in Deer and Elk

The novel technology has groundbreaking implications for pet owners, farmers, and zoos across North America

Photo Credit: Riley Bartel at Unsplash.com

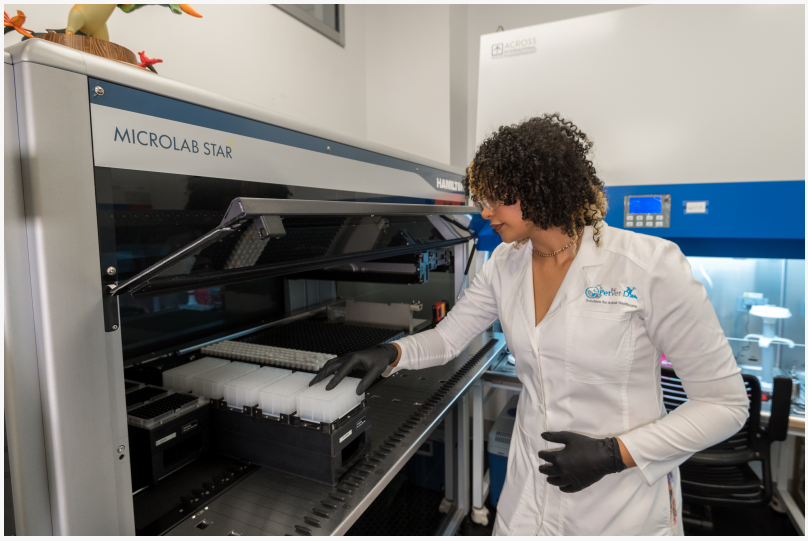

Photo Credit: Frank L Aymami III at Eye Creative

NEW ORLEANS, LOUISIANA, UNITED STATES, June 27, 2023 /EINPresswire.com/ -- Chronic wasting disease (CWD), a devastating prion illness that affects North American cervids like deer and elk, poses a grave threat to their well-being and conservation efforts. Furthermore, it presents a potential risk of human exposure. Until recently, diagnosing CWD in live animals was a difficult task due to the absence of reliable diagnostic tests.

However, PetVet Dx achieved a significant breakthrough this summer.

As a result of its research, the company is pleased to introduce PetVet Dx Express CWD Multiplex Genes RT-PCR Diagnostic Panel™ Kit, a groundbreaking solution meticulously validated and currently being manufactured by PetVet Dx. In collaboration with the USDA, PetVet Dx is spearheading a $25 million initiative to eradicate Chronic Wasting Disease (CWD) within the expansive deer and elk population of 40 million.

This pioneering diagnostic test, designed to detect CWD in deer and elk, relies on ear pinna punches from live animals. It is the sole PCR molecular diagnostic test for CWD, exhibiting an impressive 97% sensitivity and 100% specificity.

Photo Credit: Frank L Aymami III at Eye Creative

Complementing the CWD kit, PetVet Dx has developed an AI interpretation software called PetVet LIMS. Within 24 hours of sample submission, this state-of-the-art software promptly notifies hunters, farmers, and healthcare specialists of their deer's or elk's CWD status (positive or negative).

The well-being of deer and elk is paramount, given their crucial role in our ecosystem. PetVet Dx is thrilled to employ this groundbreaking test, ensuring the safety and health of both America's and Canada’s wildlife.

PetVet Dx will be at the 2023 Collision Technology Conference in Toronto to talk about their PetVet LIMS AI interpretive software. This AI interpretive software has applications for nearly every animal infectious disease and cancer. It has the ability to revolutionize animal diagnostics for American and Canadian pet owners, farmers, and zoos.

With the opening of its second genetics laboratory in Guelph, PetVet Dx hopes to offer its technology to all North Americans.

Those interested in trying the product should get in touch with PetVet Dx. To learn more about the company, visit www.petvetdx.com.

Shelby Riley
PetVet Dx
+1 318-693-1838
email us here

This press release can be viewed online at: https://www.einpresswire.com/article/641656965

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.