

HIROTSU BIO SCIENCE releases a cancer screening for “Pet Dogs”.

“N-NOSE Dogs” Website now available.

– Pre-order available, special discounts are offered for early registers. –

HIROTSU BIO SCIENCE has successfully developed a cancer screening specifically designed for dogs, “N-NOSE Dogs” using the technology from the previous “N-NOSE” for humans, a cancer screening using nematodes which has reached over 350,000 users. Website for “N-NOSE Dogs” is now available. Pre-order period will be until early May, the time actual screenings will begin to be conducted. Discount of 5,000 yen will be applied for those who have registered during this pre-order period.

The number one cause of death within dogs is “cancer”. However, since dogs are not able to communicate pain to their owners, it is common for symptoms to progress by the time the owner catches it.

In a world where easily accessible cancer screenings for dogs does not exist, we decided to research the development of a screening using prior N-NOSE technology as a means to find a way to protect the health of your beloved dog. After approximately 5 years of researching and working with partnered facilities, we have successfully developed a cancer screening for dogs, “N-NOSE Dogs”.



N-NOSE 

申込む 

犬の死因の1位はがんだから、

愛犬のがんリスク早期発見 N-NOSE  わんちゃん

“N-NOSE Dogs” is available to detect cancers commonly found within dogs such as Lymphoma, Mammary Gland, and Skin cancers. This screening only requires the submission of urine which makes it very easy and accessible. In order to support dog owners who have so much love for their beloved pets, we will continue to develop and provide reliable services.

※1 White paper on household animals 2021 > Cause of death of dogs 10 years old

※2 Joint research findings :

[Article]

Dec, 2021. 「A new detection method for canine and feline cancer using the olfactory system of nematodes」 (Biochemistry and Biophysics Report)

[Conference presentation]

Nov, 2021. 「Examination of N-NOSE in animals」 (The 42nd Annual Meeting of Japanese Society of Clinical Veterinary Medicine)

Dec, 2021. 「Examination of N-NOSE for pets」 (The 3rd Japanese Society for Biological Diagnosis)

Aug, 2022. 「Consideration of expanding the use of N-NOSE for pets」 (18th Global Biomarkers and Clinical Research Summit)

Sep, 2022. 「Expanded use of nematode cancer test N-NOSE for animals」 (165th The Japanese Society of Veterinary Science Annual Meeting)

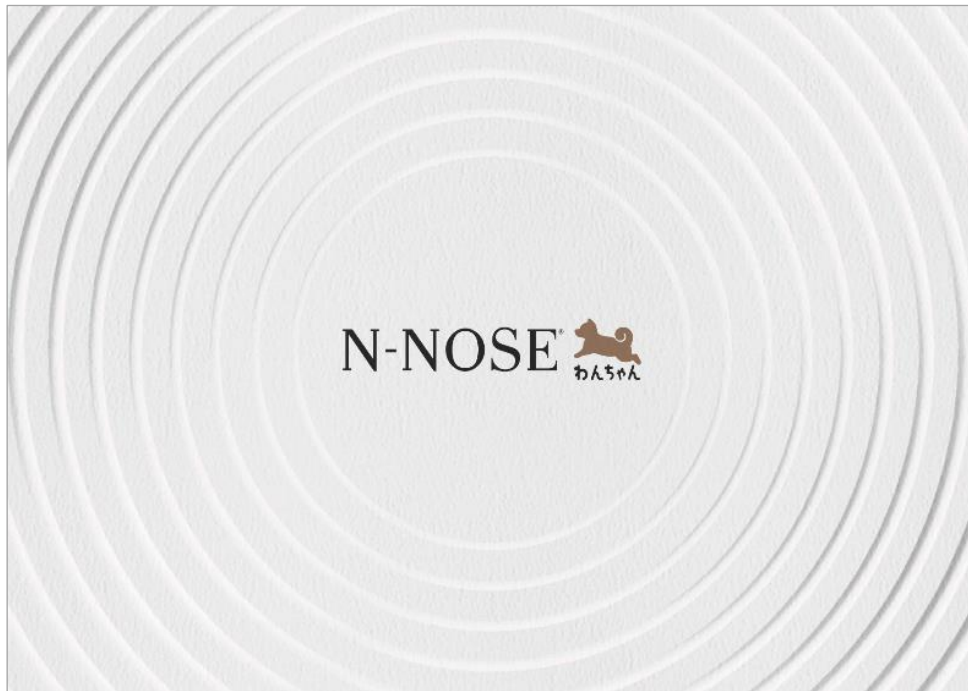
Sep, 2022. 「N-NOSE for dogs and cats」 (Japanese Society of Veterinary Clinical Pathology Annual Conference 2022 (Online))

Dec, 2022. 「A detection method for canine and feline cancer using the olfactory system of nematodes」 (The 40th Annual Veterinary Conference of the Japan Veterinary Medical Association / The 21st Federation of Asian Veterinary Associations Congress)

Dec, 2021. 「A new early-stage cancer test using *C. elegans* for canine and feline」 (International Conference of Health Evaluation and Promotion 2022)

※3 Liver Cancer, Mammary Cancer, Lymphoma, Thyroid Cancer, Multiple Myeloma, Sarcoma, Bone Tumors, Urothelial Cancer, Brain Tumors

■ "N-NOSE Dogs" information



Pre-order Period : March 9, 2022 (Thursday)～ Early May, 2023

Pre-order Website : <https://lp.n-nose.com/dog/>

Screenings fees : Early Registration Discount

Periodic Screening* 11,800 yen／with Tax、 One-time Screening 14,800 yen／with Tax

※After the screening process has started in Early May, the service will be offered a regular price.

(Periodic Screening* 16,800 yen／with Tax、 One-time Screening 19,800 yen／with Tax)

Screening kit Shipping : Starting mid-May, 2023

* Price of individual test in periodic screening listed. For periodic screening, you will have the option to choose from: Every 4 months (3 times a year), Every 6 months (Twice a year), Every 12 months (Once a year).

* This service is currently only available in Japan.

【About “N-NOSE”】

A cancer screening using smell-sensitive Nematodes *C. elegans* that react and can detect the odor of cancer within urine. By just turning in a urine sample, you are able to test for several different types of cancer within the entire body in a fast, accurate, and accessible way. After the official development in January 2020, over 350,000 people have received a screening and also over 1200 corporations offering this screening. (※ At the time of February 2023)

【About “N-NOSE plus Pancreas”】

The new edition to N-NOSE, “Cancer-type detecting screening”. This screening uses the technology developed by adding genetically manipulated *C. elegans* that can react exclusively to pancreatic cancer. These “Specifically designed nematodes” can detect the difference between pancreatic and other types of cancers. This made non-invasive detection of early pancreatic cancer possible.

【About HIROTSU Bio Science】

Company Name: HIROTSU BIO SCIENCE INC.

Head Office: 22F The New Otani GARDEN COURT, 4-1 Kioicho Chiyoda-ku, Tokyo, 102-0094, Japan

President/CEO: Takaaki Hirotsu

Date Established: August 2016

Business Overview: Biological Diagnostics Research: Research, development, and sale of cancer diagnostic test utilizing *C. elegans* and *C. elegans* olfactory sensors.

Corporate Website: <https://hbio.jp/>

Service Website: <https://lp.n-nose.com/>

Contact for Press

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