

AIStain RLT Test

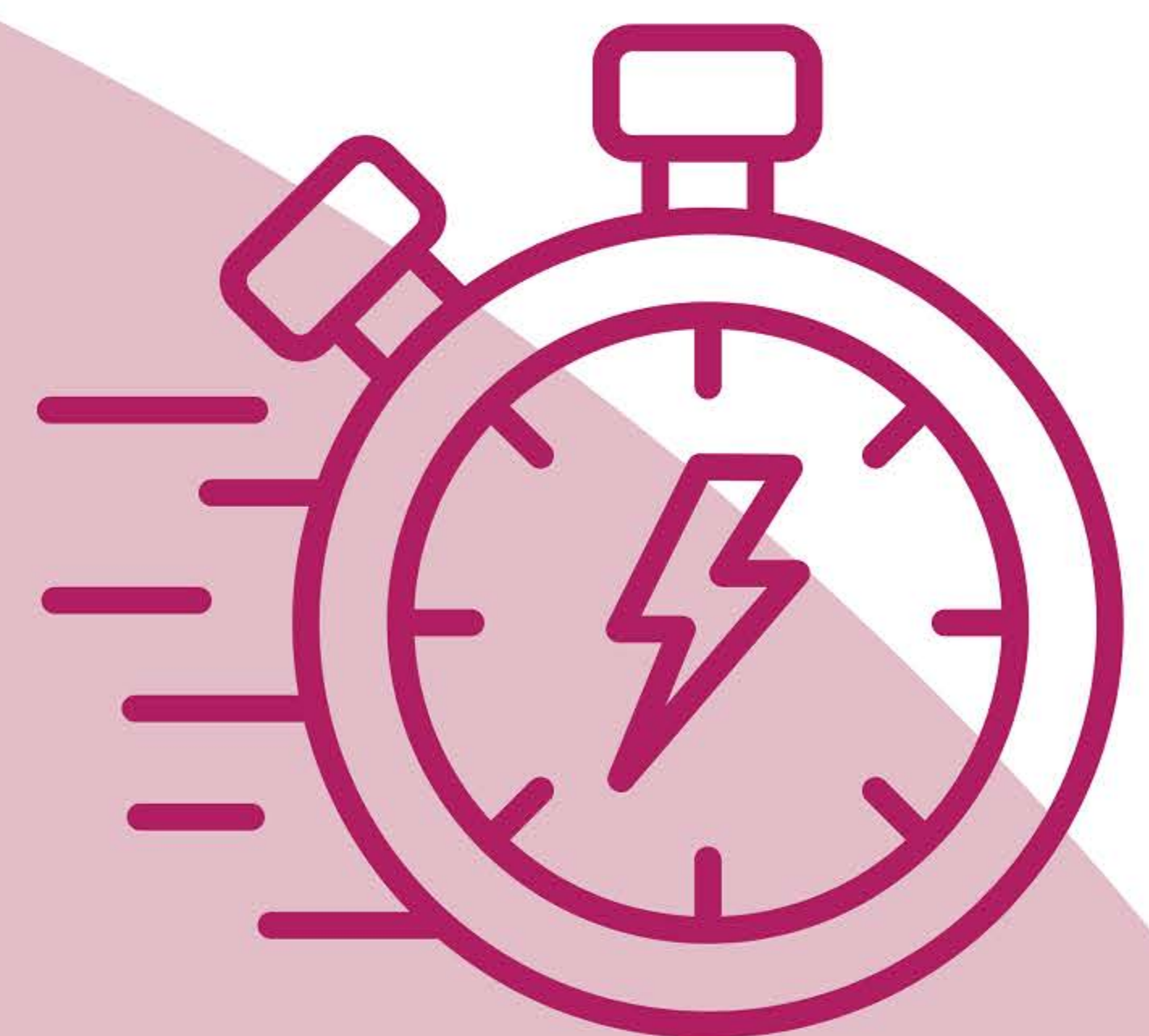
Revolutionising Canine Lymphoma Diagnosis

Powered by:

CityU Veterinary Diagnostic Laboratory

- ✓ Quick: results in minutes
- ✓ Easy: perform in the consult room with the patient present
- ✓ Cheap: huge relative value compared to external tests

When lymphoma strikes, every second counts.



**Take control
buy precious time for you,
your patient and their family.**



香港城市大學
City University of Hong Kong



VETERINARY
DIAGNOSTIC
LABORATORY

CityU VDL AIStain Rapid Lymphoma Test (RLT)

Rapid Diagnostics for Canine Lymphoma

When a dog shows signs of lymphoma, time is critical. The CityU VDL's AIStain Rapid Lymphoma Test (RLT) empowers veterinarians to act fast. Designed for cases with strong clinical suspicion for canine lymphoma, RLT delivers a rapid analysis to distinguish between T-cell and B-cell lymphoma using our patented, validated, award winning AI technology-essential for guiding treatment and improving outcomes.

Why Choose AIStain RLT?

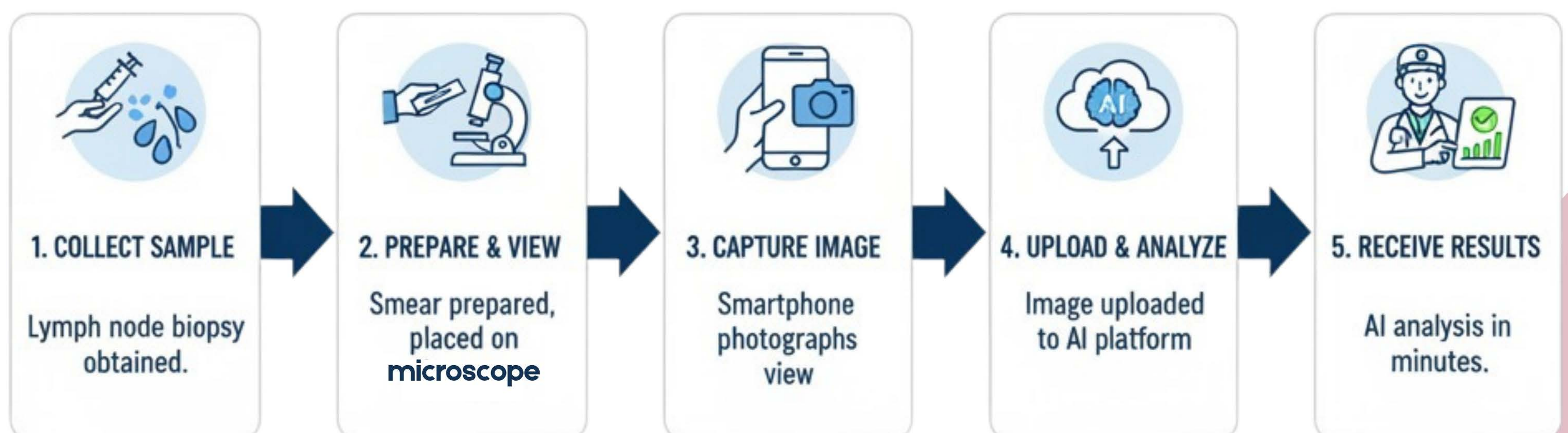
- **Speed:** Get results within minutes, no waiting, no delays.
- **Accuracy:** Trusted by CityU specialist experts for reliable subtype differentiation.
- **Accessibility:** Simple setup for any general practice; if you do cytology, you can run this!
- **Cost:** Only RMB 55 Yuan, affordable and efficient, saving more for treatment

When to Use AIStain RLT?

Use RLT for dogs presenting with generalized lymphadenopathy, clinical symptoms of lymphoma, or prior test results suggesting lymphoma. These patients are ideal candidates for rapid subtype identification.

How It Works?

1. Collect lymph node sample
2. Prepare smear on slide, and place on microscope
3. Take a photo image using your smartphone
4. Upload image to our platform
5. Receive AI-powered analysis in minutes



**Join the future of veterinary oncology.
With AIStain RLT, you deliver faster answers,
better care, and peace of mind.
All at an unbeatable price**

Award-Winning, Patented Technology

Validated.

Awarded.

Protected.

The AIStain RLT Test is the result of rigorous research and development at CityU VDL.

- **Validated by CityU VDL:** Proven accuracy and reliability in clinical settings.
- **Award-Winning Innovation:** Recipient of multiple industry accolades for excellence in veterinary diagnostics.
- **Patented Technology:** Protected by international patents, ensuring unique value for your practice.

Patented in US and China

Award-winning at top international conventions

Publications:

- Cheung, P., Zhang, W., Khan, M. S., Ahmed, I., Liu, Y., Hill, F., Li, X., & Lau, C. (2025). Automatic cell classification and quantification with machine learning in immunohistochemistry images. *Journal of Histotechnology*.
- Ahmed, I., Zhang, W., Cheung, P., Basnet, V., Ali, Z., Tse, M. P. Y., Hill, F., Chan, T. T. L., Hu, H., Li, X., & Lau, C. (2025). AI-based virtual immunocytochemistry for rapid and robust fine needle aspiration biopsy diagnosis. *Diagnostic Pathology*, 20, 86.



FAQ

What is the AIStain RLT diagnostic test?

The AIStain Rapid Lymphoma Test (RLT) is a fast, AI-powered diagnostic test that is offered by the CityU Veterinary Diagnostic Laboratory. It differentiates between T-cell and B-cell lymphoma in dogs with confirmed or suspected lymphoma, delivering results within minutes using validated, award-winning technology.

How was the technology developed and validated?

The RLT was created through a collaboration between CityU's Department of Physics, IT-Sci (a Hong Kong based biotech company) and CityU Veterinary Diagnostic Laboratory. It uses high-quality veterinary data and has been validated by leading experts. The technology is patented in the USA and China and won an innovation award at the Geneva Invention Congress in 2023.

Is sample preparation difficult?

No. Sample preparation is similar to standard cytology. Over 80% of dogs with lymphoma show enlarged lymph nodes. Fine needle aspirates are collected, smeared, stained with Diff-Quik, and imaged using a smartphone for upload to the AIStain platform.

How long does the test take?

Once the image is uploaded and the test initiated, results are typically available within 60 seconds, and no longer than two minutes.

What results can the test provide?

The test may return one of three outcomes: T-cell lymphoma, B-cell lymphoma, or non-diagnostic. Non-diagnostic results are usually due to poor sample quality, image clarity, or absence of lymphoma.

What should I do if the result is non-diagnostic?

Reassess sample quality, staining, and image clarity. Ensure proper smear technique and use a clear, well-lit photo. If three attempts still yield non-diagnostic results, the patient may not have lymphoma.

Why is the AIStain RLT beneficial?

It's fast, easy to use, and cost-effective. Unlike traditional methods requiring histopathology and immunohistochemistry, RLT provides subtype differentiation in minutes. And at the price point, it's significantly cheaper than conventional diagnostics.

How much does the test cost?

The AIStain RLT test costs RMB 55 Yuan.

How many samples can I upload per test?

Each RMB 55 Yuan payment allows up to three uploads. Start with one sample and assess the result. If non-diagnostic, improve sample quality and re-upload. After three attempts, a new payment is required.

What payment methods are accepted?

The platform accepts WeChat Pay and Alipay before allowing image upload.

Any further questions? Contact our team

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**Click Here to
Run the Test**

