

Our Tests: Cats

CanCan Diagnostics is a veterinary diagnostics company developing advanced tissue and blood-based sequencing tests to help your feline patients benefit from precision medicine testing.

Our core technology uses targeted next-generation sequencing to identify cancer related mutations in either cell-free DNA or DNA derived from tumor samples.

TEST	SPECIES	SAMPLE	GENES	COVERAGE	REPORTED
FL-Tissue Core™	Cat	FFPE or FNA	75	>200x	Up to 3 weeks
FL-LiquiDX™	Cat	Blood, effusion, urine	75	>10,000x	Up to 3 weeks

FELINE TESTS (FL SERIES)

FL-Tissue Core™

FL-Tissue Core™ is the first of its kind test, designed to reliably call mutations in key oncogenes in feline tumour tissue.

Looking at carefully selected 75 cancer-related genes are sequenced to a depth of at least 200x, enabling precise detection of tumor DNA variants. The test provides valuable

information about tumor biology, prognosis and potential therapeutic targets.

All variants are filtered against a comprehensive panel of normals and germline variant databased comprising close to 500 cats and continuously growing.

FL-LiquiDX™ COMING IN Q2 2027!!

The world's first test designed for aid-in-diagnosis and minimal residual monitoring of feline patients. Detects circulating tumor DNA (ctDNA) in a cat's bloodstream. By combining a simple blood test with highly advanced genetic sequencing, FL-LiquiDX™ has been developed specifically for highly sensitive cancer monitoring. It uses ultra-deep sequencing at more than 10,000x coverage, enabling the

detection of very low levels of tumor DNA that may not be identified by conventional sequencing methods (<0.1% VAF). The test analyses 75 cancer-related genes, making it suitable for monitoring a wide range of feline cancers and supporting personalized treatment planning.

SAMPLE REQUIREMENTS

FFPE: 5x5um shavings with at least 30% of tumour content. Please note that decalcification may compromise DNA integrity potentially affecting the diagnostic accuracy

FNA slides: 3-5 cellular slides with at least 30% tumour cell content; stained slides can still be used

Blood: 3-5 ml of blood collected into a specialised small stabiliser tube

About CanCan Diagnostics

CanCan Diagnostics is a science-driven veterinary diagnostics company founded in 2022 as a University of Edinburgh spin-out. Built on research-led innovation and scientific expertise, the company is committed to advancing veterinary cancer care. In 2026 it was recognised with the 2026 Scotland Life Sciences Award for Innovation in Animal Health, Agritech and Aquaculture.

Order a test

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