

Sifour Your Ideal Choice for Rapid and Reliable In-Clinic Testing for Pets



FI/Vet[®] Parameters

Acute Phase Protein cCRP fSAA AMH	Pancreatitis CPL fPL	Renal Biomarker cSDMA
Hormone	Cardiac Biomarker	
cCOR cTSH cPROG cT4 fT4 cFree T4 fFree T4	cNT-proBNPfTnlfNT-proBNPcTnl	cD-Dimer fD-Dimer
Infectious Disease	Antibody Titer	Others
CPV-Ag CDV-Ag FeLV-Ag	CPV-Ab CDV-Ab	cHBA1c
CCV-Ag FPV-Ag	FPV-Ab FCV-Ab	fHBA1c
FCV-Ag FHV-Ag	FHV-Ab TOXO A	b
FCoV-Ag CPV-Ag/CCV-Ag		

Easy Data Management

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Featured Test Panel

SDMA

SDMA (Symmetric Dimethylarginine)

Biomarker for early detection of decreased renal function SDMA is a methylated form of arginine and excreted almost exclusively by the kidneys. SDMA is a novel kidney biomarker that reflects glomerular filtration rate (GFR), increasing earlier than serum creatinine with acute kidney injury (AKI) and chronic kidney disease (CKD)

Application

- Early detection of kidney disease
- Monitoring of patient with kidney disease · SDMA is a novel biomarker for kidney function and more reliable than creatinine. But SDMA cannot replace creatinine and both are complementary to each other in diagnosing kidney dysfunction
 History, physical examination, CBC, chemistry profile including SDMA, creatinine, electrolytes, and urinalysis should be
- performed to evaluate kidney function

Serum SDMA	Creatinine	Clinical Application
Normal	Normal	 Normal renal function Early renal disease cannot be ruled out if SDMA and/or creatinine levels are at the upper end of the reference range.
Elevated	Normal	 Early renal disease probable
Normal	Elevated	 Not usual Possible if the lean body mass is high Further evaluation of renal function is recommended.
Elevated	Elevated	 Renal disease strongly suspected

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Quick Test	Standard Test	Sample	No: 202302230005	Sample Type:	S/P ×
	Item: fS Lot: 23 Result: 12 Ref Range: ≤ 1	DMA :0236 .3 ug/dL 16 ug/dL			
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Free T4

The free T4 (FT4) test for pets is a diagnostic tool used to assess thyroid function in animals, particularly cats and dogs. It measures the level of free thyroxine (T4) in the bloodstream, which is the unbound and biologically active form of the thyroid hormone. This test is commonly used in conjunction with total T4 and other thyroid function tests to diagnose and monitor thyroid disorders.

Advantages of the Free T4 Test

More Accurate Than Total T4

Free T4 is less influenced by non-thyroidal illnesses and medications, making it a more reliable indicator of thyroid function.

Early Detection

Helps detect thyroid imbalances earlier, especially in borderline cases.

Non-Invasive Sample Collection

Requires a simple blood sample, making it convenient and low-stress for pets.



Canine Hypothyroidism Management

Total T4	 Primary screening test, not diagnostic on its own Easily affected by non-thyroidal illness Total T4 within reference helps to rule disease out
Free T4	 Less affected by illness, drugs & antibodies Low fT4 with clinical signs supports diagnosis of hypothyroidism
TSH	 24-38% of hypothyroid dogs have normal TSH TSH alone cannot diagnose or rule out hypothyroidism

Medications That Can Affect Thyroid Testing Results

- Corticosteroids
- Nonsteroidal antiinflammatories
- Phenobarbital
- Trimethoprim sulfadiazine/sulfamethoxazole
- lodine-containing radiocontrast agents

Canine Hypothyroidism Diagnosis



Feline Hyperthyroidism Management

Feline Hyperthyroidism

Feline hyperthyroidism was first recognized as a distinct clinical entity in 1979. It has been diagnosed with increasing frequency since that time and is now considered the most common endocrine disorder of cats. The underlying causes of hyperthyroidism are unknown, but risk factors, such as breed, a diet composed primarily of canned food, and the use of cat litter, have been suggested.

Feline Hyperthyroidism Clinical Signs

Weight loss,polyphagia,increased activity/ restlessness/nervousness, hair loss/ unkempt coat, polyuria/polydipsia,vomiting/ diarrhea/bulky stools; lesscommonly, decreased activity/weakness



Feline hyperthyroidism suspected

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