

Fast + Simple
Focused on Veterinary Diagnostics



Specialists in Veterinary
Laboratory Supplies

FASTest® SDMA^{ad us. vet.}

Keeping an eye on the kidneys –
before symptoms appear

Fast test for the qualitative detection of SDMA (Symmetric Dimethylarginine) in heparinised whole blood, heparinised plasma or serum of the dog, cat or horse

In case of typical kidney symptoms:
polyuria/polydipsia, gradual weight loss, dull coat,
loss of appetite

Preventive care & check-ups: early
detection of acute or chronic kidney disease
before symptoms develop

Suspected causes: toxin ingestion
(e. g. plants, NSAIDs)

Special case: cats – essential for the
management of hyperthyroidism



- Simple test procedure with heparinised whole blood, heparinised plasma or serum
- Fast test interpretation after 10 minutes
- Reliable clinical diagnostics
- Sensitivity 94.5% & Specificity 96.1%
- Storage at room temperature (15–25 °C)
- Long shelf life
- Compact test box with 5, 10 or 25 tests

FASTest® SDMA ad us. vet.

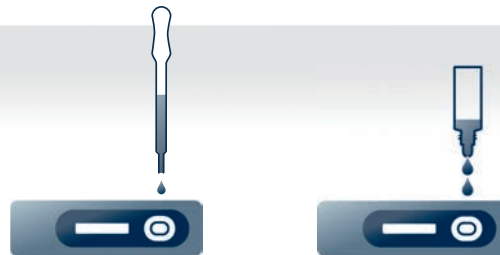
Symmetric dimethylarginine (SDMA) is a reliable biomarker for assessing kidney function in animals. As a breakdown product of protein metabolism, 90% of it is excreted via the kidneys. An increase in SDMA indicates a decreasing glomerular filtration rate (GFR) and thus impaired kidney function. Unlike creatinine, SDMA is not influenced by muscle mass and also allows for significantly earlier detection of kidney dysfunction, even before typical symptoms such as loss of appetite, weight loss or polyuria/polydipsia occur.

The current upper limit for dogs, cats and horses is 14 µg/dl (Hokamp and Nabity 2026, review, Siwinska et al., 2020). In certain breeds (e.g., Greyhounds, Liffmann et al., 2018) or in foals (Siwinska et al., 2020), higher values may be measured physiologically.

Setting the cut-off at $\geq 14 \mu\text{g/dl}$ ensures that clinically significant elevations are reliably detected and that the test can be optimally used as a screening tool to rule out GFR impairment: whilst a negative result makes the presence of renal insufficiency highly unlikely, a positive result is considered an important warning sign of kidney disease. In such cases, further investigation – such as a precise laboratory determination of the SDMA value, a complete urinalysis or the measurement of the urine protein-to-creatinine ratio – is strongly recommended.

The **FASTest® SDMA**, as an early marker of GFR, enables vets to assess kidney health in dogs, cats and horses onsite. In the event of elevated values, a comprehensive diagnostic investigation of kidney function can thus be initiated in a targeted manner.

Test procedure



Test interpretation



NEGATIVE



Colour intensity T < C
SDMA < 14 µg/dl

POSITIVE



Colour intensity T = C
SDMA $\geq 14 \mu\text{g/dl}$

Colour intensity T < C

Only C visible

Supplement the SDMA kidney check with additional rapid tests for various conditions:

Inflammation monitoring (FASTest® SAA / FASTest® CRP canine): Detects acute inflammatory processes, often before the first symptoms of illness become apparent.

Travel-related disease check (FASTest® LEISH / FASTest® CVBD 4T and many more): Essential for dogs from abroad or after travelling to southern regions – to prevent long-term consequences such as kidney damage.

Intestinal screening (FASTest® FOBT canine): Detects hidden blood in a dog's faeces. Particularly important as a regular check-up during long-term administration of painkillers (NSAIDs), for the early detection of mucosal damage.

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Distribution:

Exclusive UK Distributor



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