

Quick Reference Guide

Storage and handling requirements

- Store in the refrigerator. Do not freeze.
- No warming required—run directly from the refrigerator.
- SDMA slides and reagent can be stored in their pouch at room temperature for up to 8 hours. After 8 hours, store any unused materials in the refrigerator.
- Recommended sample volume:
 - Whole blood: 600–800 μL
 - Serum/plasma: 65 μL (300 μL if running with other slides)

SDMA made simple—load and go

Catalyst One*



Catalyst Dx*



Frequently asked questions

Question	Answer
Is the Catalyst* SDMA Test just a slide?	No, the Catalyst* SDMA Test contains a single slide and a reagent (conjugate, wash, and substrate). Both components must be run together for each sample run and then discarded.
What sample types can be run on the SDMA test?	Compatible sample types include serum, lithium heparin plasma, and whole blood using the Catalyst* Lithium Heparin Whole Blood Separator.
What species can be run on the SDMA test?	Canine and feline species are supported with SDMA. Numerical results between 0–100 $\mu\text{g}/\text{dL}$ will be reported.
Can the SDMA test be run with other slides?	Catalyst One Chemistry Analyzer: Yes! The SDMA test can be run alone or with other slides as part of a comprehensive patient profile. For example, you could run a Catalyst* Lyte 4 CLIP, a Catalyst* Chem 17 CLIP, a Catalyst* Total T ₄ Test, and an SDMA test with one patient sample. Catalyst Dx Chemistry Analyzer: SDMA can be run with all chemistry/electrolyte slides and/or CLIPs except phenobarbital, total T ₄ , and CRP.
When running with other slides, should the SDMA test be loaded in a particular order?	Catalyst One: When running SDMA with other chemistry slides, the SDMA slide can be loaded in any order. Catalyst Dx: If there are 18 slides or fewer in the run, the SDMA slide can be loaded in any order. For runs containing more than 18 slides, load the SDMA slide in the first 18 slides (and if running with electrolyte slides, load the electrolyte slides first).
What is the run time for the SDMA test?	Catalyst One: SDMA test results are available in approximately 11 minutes after the start of the run. Catalyst Dx: SDMA test results are available in approximately 13 minutes after the start of the run.
Is it okay to dilute samples that are undergoing SDMA testing?	IDEXX does not support the use of diluted samples when running the Catalyst SDMA Test.
How often can SDMA tests be left at room temperature and then returned to the refrigerator?	Once at room temperature, SDMA tests can be returned to the refrigerator up to 5 times as long as the foil pouch is unopened.
Should I run quality control for SDMA?	Quality control is not required but is available through IDEXX Technical Support.
Which patients benefit most from a Catalyst SDMA Test?	Because SDMA is an earlier and more reliable indicator of kidney function, SDMA is an essential part of the chemistry profile and should be added to all routine testing.
How does the Catalyst SDMA Test compare to the IDEXX SDMA* Test offered by IDEXX Reference Laboratories?	Both the Catalyst SDMA Test and the IDEXX SDMA Test show extremely high correlation and minimal bias when compared to the reference method, LCMS; however, some differences in the reported results are to be expected given the technology differences of the two assays.
Where can I go for more information about SDMA?	For more information, visit idexx.com/SDMA