

Preparing Samples for Use on the IDEXX SNAPshot Dx* Analyzer



Step 1: Verify Sample and SNAP* Device Requirements

Test Type	Anticoagulated Whole Blood	Plasma	Serum	Pipette Used	Components Requiring Room Temperature Warm-up	Warm-up Time Required
SNAP* Cortisol			✓	Gray or Blue (depending on protocol)	Device	10 minutes
SNAP* FIV/FelV Combo	✓	✓	✓	Clear (provided)	Device and conjugate	30 minutes
SNAP* Heartworm RT	✓	✓	✓	Clear (provided)	Device and conjugate	30 minutes
SNAP* 4Dx* Plus	✓	✓	✓	Clear (provided)	Device and conjugate	30 minutes
SNAP* cPL*			✓	Clear (provided)	Device and conjugate	30 minutes
SNAP* fPL*			✓	Clear (provided)	Device and conjugate	30 minutes
SNAP* Feline proBNP		†	✓	Clear (provided)	Device and conjugate	30 minutes

†EDTA-based plasma

Step 2: Collect and Prepare the Sample

Anticoagulated Whole Blood (e.g., EDTA, heparin)

- Use the appropriate sample collection device.
- Draw the sample gently and transfer it to a treated sample tube.

Serum

- Use the appropriate serum separator tube.
- Use the appropriate sample collection device.
- Draw the sample gently and transfer it to a serum tube.[†]
- Let the sample clot for a minimum of 20 minutes.
- Centrifuge the sample for at least 120 seconds at a minimum of 12,000 RCF. Refer to your centrifuge operator's manual for centrifugation settings and times.

[†]When using an evacuated tube, such as a BD Vacutainer* tube, allow the sample to draw naturally into the tube by vacuum.

Plasma

- When the sample drawer is ready, remove the Catalyst* whole blood separator from the sample drawer.
- Aspirate the plasma from the whole blood separator.

OR

- Use the appropriate lithium heparin tube.
- Use the appropriate sample collection device.
- Draw the sample gently and transfer it to a lithium heparin tube.[†]
- Gently invert the sample for 30 seconds to mix.
- Centrifuge the sample for at least 120 seconds at a minimum of 12,000 RCF. Refer to your centrifuge operator's manual for centrifugation settings and times.

[†]When using an evacuated tube, such as a BD Vacutainer* tube, allow the sample to draw naturally into the tube by vacuum.

Step 3: Prepare the SNAP* Device

- Following the on-screen instructions on the SNAPshot Dx Analyzer, dispense sample into disposable sample tube. **Ensure you use the correct pipette (as indicated on the screen).**
- Dispense the appropriate amount of conjugate into the same sample tube used in step 1.
- Gently invert the sample tube 4-5 times to mix.
- Cortisol ONLY:** Incubate the sample tube for 5 minutes.
- Pour entire contents of sample tube into the sample well of a SNAP* device.
- When color **first** appears in the activation circle, press the activator.
- Immediately load the SNAP device into an available port on the analyzer.

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