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* Total T_4		✓†	✓	Purple	Device	15 minutes
SNAP* Cortisol			✓	Gray or Blue (depending on protocol)	Device	10 minutes
SNAP* Bile Acids			✓	Gray	Device and conjugate	30 minutes
SNAP* FIV/FeLV Combo	✓	✓	✓	Clear (provided)	Device and conjugate	30 minutes
SNAP* Feline Triple*	✓	✓	✓	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

†Lithium heparin-based plasma

Step 2: Collect and Prepare the Sample

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

1. Use the appropriate sample collection device.

2. Draw the sample gently and transfer it to a treated sample tube.

Serum

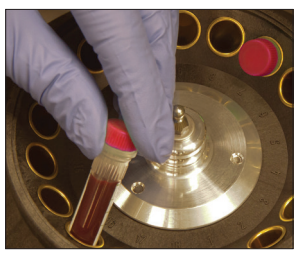
1. Use the appropriate serum separator tube.

2. Use the appropriate sample collection device.

3. Draw the sample gently and transfer it to a serum tube.‡

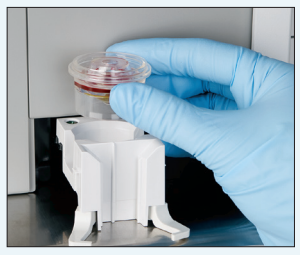
‡When using an evacuated tube, such as a BD Vacutainer* tube, allow the sample to draw naturally into the tube by vacuum.

4. Let the sample clot for a minimum of **20 minutes**.



5. 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.

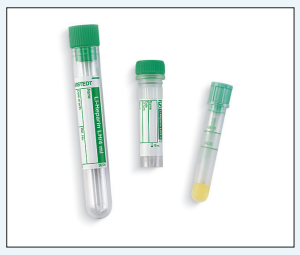
Plasma



1. When the sample drawer is ready, remove the Catalyst* whole blood separator from the sample drawer.

2. Aspirate the plasma from the whole blood separator.

OR



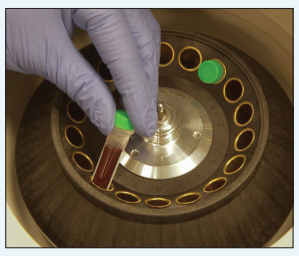
1. Use the appropriate lithium heparin tube. Do not use EDTA or sodium heparin for SNAP Total T_4.

2. Use the appropriate sample collection device.

3. Draw the sample gently and transfer it to a lithium heparin tube.‡

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

4. Gently invert the sample for **30 seconds** to mix.



5. 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.

Step 3: Prepare the SNAP* Device

1. 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).

2. Dispense the appropriate amount of conjugate into the same sample tube used in step 1.

3. Gently invert the sample tube 4–5 times to mix.

4. **Total T_4 and Cortisol ONLY:** Incubate the sample tube for 5 minutes.

5. Pour entire contents of sample tube into the sample well of a SNAP* device.

6. When color **first** appears in the activation circle, press the activator.

7. Immediately load the SNAP device into an available port on the analyzer.

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