



Product:	Specialized Coagulation and Assay Tubes – Type ACT– 2mL draw/5mL tube size
Catalog Number:	SCAT–ACT (Activated Clotting Time)
Draw Volume:	2.0 mL
Tube Contents:	12 milligrams Kaolin
Recommended Storage:	Ambient
Expiration Date:	See date on tube

Tubes are non-sterile.

Handling and Use of the Haematologic Technologies SCAT-ACT blood collection tube

This document describes the process for handling and using the SCAT-ACT blood collection tube. These tubes are intended for veterinary use only, and are *not sterile*.

1. The tubes should be stored at room temperature. These tubes do not need to be refrigerated, and should not be frozen.
2. Prior to collection, a water bath or heating block should be set to 37°C.
3. Preheat the collection tubes to be used to 37°C for 5-10 minutes.
 - a. The accuracy of this test depends on the tubes being at as close to 37°C as possible to eliminate prolonged or variable results which can occur at room temperature.
4. Perform a clean venipuncture of the cephalic (leg) vein, and discard the first 1-2 mL of blood to eliminate any extrinsic clotting activation.
5. A timer should be started once the SCAT-ACT tube begins collection.
6. The tube should be gently rocked five times, and placed back into the 37°C water bath or heating block.
7. After 50 seconds, the tube should be removed and checked for clotting by gently tilting the tube lengthwise in front of a light source.
8. Replace the tube in the heat source and continue to check every 5 seconds.
9. Once an unmistakable thickening or clumping has formed the timer should be stopped. Do not wait for a complete, solid clot to stop the timer.

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Product Datasheet: Revision 6

Normal Values:

Dogs < 120 seconds
Cats < 100 seconds
Cow < 145 seconds
Horse < 45 seconds

* The above values are taken from the literature from use with tubes of a different brand, and should only be used as a guideline.

References:

Meyer, Coles and Rich: Evaluation of Hemostasis and Coagulation Disorders in Veterinary Laboratory Medicine. Philadelphia, W.B. Saunders, 1987, 43-49

Tvedten, Harold: Hemostatis Abnormalities in Small Animal Clinical Diagnosis by Laboratory Methods edited by Willard, Tvedten, and Turnwald. Philadelphia, W.B. Saunders 1989, pp. 86-101

Riley, J.H. and E.D. Lassen: Activated Coagulation Times of Normal Cows. Veterinary Clinical Pathology 1979, VIII, p. 31

Haematologic Technologies, Inc. is **NOT** responsible for any injuries or illness that may occur as a result from the use of these tubes.