

# Complete Bleeding Time (BMBT) Test Kit

The buccal mucosal bleeding time that is used to assess platelet function should be a part of your presurgical preparation, especially for those breeds predisposed to VWD (von Willebrand's Disease). Patients with dysfunctional platelets may fail to clot even when counts are normal. The Surgicutt® device delivers a precisely calibrated incision allowing you to control procedural variables that could affect the interpretation of results.

- Detects platelet dysfunction.
- Best in-house test for VWD screening.
- Simple, fast, safe.

Test kit includes 10 Surgicutt® single use automatic lancet devices, blotting paper, stopwatch, and instructions.

*\*Visit our website at [www.vetlab.com](http://www.vetlab.com) and click on "Quicklearn" for illustrated BMBT instructions. Also, ask about our manual test kit for ACT (Activated Clotting Time), still the "gold standard!"*

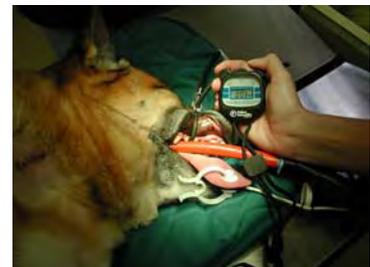
**Incise**



**Blot**



**Read Results**



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Vetlab Supply 800.330.1522 • 305.232.8421 Fax • [info@vetlab.com](mailto:info@vetlab.com)

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## Buccal Mucosal Bleeding Time

### Summary

The Buccal Mucosal Bleeding Time (BMBT) can provide the clinician with important information regarding the interaction between platelets and the vascular endothelium. Although the BMBT can be prolonged in conjunction with a variety of hemostatic disorders (Thrombocytopenia, vascular injury, or hemophilia), a prolonged bleeding time in the presence of a normal platelet count suggests defective platelet function. Platelet dysfunction is commonly seen with von Willebrand's Disease (VWD); however, aberrant platelet function may also accompany other diseases or the administration of certain drugs. A BMBT test should be considered for all patients undergoing surgery, but especially for those breeds known to be prone to VWD.

### Materials Provided

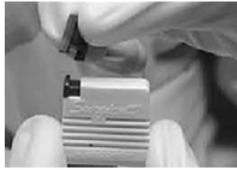
Surgicutt® bleeding time device  
Blotting Paper (#1 Whatman is recommended.)  
Stopwatch

### Procedure

1. Position the patient in lateral recumbency.
2. Firmly tie a gauze muzzle around the proximal maxilla while everting the upper lip to expose the buccal surface.
3. Remove the safety guard and place the Surgicutt® device lightly against the exposed buccal surface and release the spring-loaded lancet. The blade will produce a 1 mm deep linear incision.
4. Start the stopwatch and begin absorbing blood away from the incision at approximately 5 second intervals. Blood should be "wicked away" from the edge of the incision. Do not apply direct pressure.
5. Continue blotting until bleeding stops. Record the elapsed time.



Set up and prep



Remove safety guard



Perform Incision



Blot every 5 seconds



Record elapsed time

### Normal Values

Dogs < 4 minutes  
Cats < 3 minutes

### Additional Notes

Patients with prolonged bleeding times should receive further investigation. Prolonged bleeding times can occur secondary to Thrombocytopenia. A platelet count should accompany the BMBT.

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