

Fast + Simple
Focused on Veterinary Diagnostics



Specialists in Veterinary Laboratory Supplies

BMBT-Vet. Dog ad us. vet. BMBT-Vet. Cat ad us. vet.

Buccal mucosal bleeding time (BMBT) – standardised hemostasis diagnostics on-site

Standardised screening test for evaluation of primary hemostasis disorders of the dog and cat

Von Willebrand disease screening test

in races like Dobermann, Sheltie, Scotch terrier

Emergency diagnostics

- Surface bleedings like petechiae, ecchymoses etc.
- Nose bleeding
- Gastrointestinal hemorrhage
- Intraoperative bleeding bias
- Parasitological infectious diseases like ehrlichiosis etc.



Screening test before operations

Therapeutic monitoring

e. g., aspirin medication



- Simple standardised test procedure
- Fast test interpretation after few minutes
- Reliable clinical diagnostics
- Storage at room temperature (15–25 °C)
- Long shelf life
- Compact test box with 10 tests

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Hemostasis is a complex physiological reaction on bleedings of all kinds. Coagulation disorders can base on primary and secondary defects or causes.

The buccal mucosal bleeding time (BMBT) is the time that passes by after placement of a defined incision by means of **BMBT-Vet. Dog** or **Cat**, respectively, until hemostasis occurs. It is an important coagulation marker for validation of the individual primary state of hemostasis.

With help of BMBT, suspicion of disorders of the primary hemostasis can be confirmed quickly and simply. Characteristics normally are surface bleedings, but also chirurgical reasons, especially in cats. They are caused by infectious and/or immunological reasoned thrombocytopenias, thrombocytopathies, vasculopathies and the genetically inherited von Willebrand disease (vWD) type 1–3.

With help of **BMBT-Vet. Dog** or **Cat**, respectively, by a standardised depth and length of the cut, the veterinarian is enabled on-site to obtain constant and reproducible BMBT results and to give a specific statement about the status of hemostasis in the dog and cat.

Test procedure



BMBT-Vet. Dog

Incision: **3.0 mm wide and 1.0 mm deep**



BMBT-Vet. Cat

Incision: **2.2 mm wide and 0.6 mm deep**



1. Remove BMBT-Vet.
from blister, do not touch aperture slot



2. Remove safety clamp



3. Fold lip outside and fix safely



4. Place BMBT-Vet.
plainly on the mucosa
5. Press the release button of the incision lancet



6. Start the stopwatch immediately after beginning of bleeding



7. Allow undisturbed bleeding of cut surface



8. Absorb draining blood every 10 seconds with the filter paper without touching the cut surface



9. Stop the stopwatch immediately after bleeding stands and read the buccal mucosal bleeding time (**BMBT**)

Test interpretation

BMBT (buccal mucosal bleeding time)



1. Physiological standard

Dog < **4.0 minutes**



Cat < **1.5 minutes**

2. Prolonged bleeding time

- Von Willebrand disease
- Thrombocytopathy
 - inherited
 - acquired, e. g., by aspirin
- Thrombocytopenia
 - immune mediated
 - infection mediated, e. g., ehrlichiosis
 - bone marrow disease
- Vascular disease

For evaluation of further suspicion of disorders of the secondary hemostasis, the use of **ACT-VETube** is recommended for the determination of the activated coagulation time.

Distribution:



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