

## Stability certificate

Product: Flexicult® Vet (Art.No. 97543)

Description: Flexicult® Vet is a 24 hour culture test designed for diagnosing urinary tract infections (UTI) in dogs and cats by: · identification and quantitative enumeration of bacteria in the urine · predicts the susceptibility of the bacteria against 5 antibiotics  
The golden standard for diagnosis of UTI is urine culturing. Beside this it is recommended that antibiotic treatment is based on the susceptibility of the bacteria. Flexicult® Vet is designed as an agar plate with a large compartment for the quantitative determination (CFU/mL) and 5 small compartments each containing a specific antibiotic. Flexicult® Vet contains the following antibiotics: 1 = Ampicillin (predictor for amoxicillin) 2 = Amoxicillin/clavulanate 3 = Cephalotin (predictor for all 1. generation cephalosporins except Cefazolin) 4 = Enrofloxacin 5 = Trimethoprim/sulfamethoxazole (predictor of potentiated sulfonamides with trimethoprim) The ease of use makes Flexicult® Vet particularly well suited for use in the veterinary clinic as well as in laboratory settings.

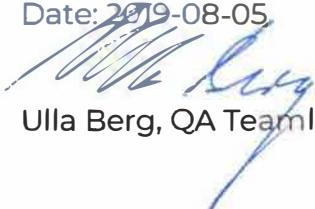
Stability study: The plates were stored at 2-8°C for up to eight (8) weeks. They were tested with a panel containing forty-eight (48) different types and strains of bacteria at timeslots; 1, 6, 8, and 10 weeks.

Conclusion: The control/quantitative determination compartment of the Flexicult Vet was fine regarding growth for up to ten weeks at 2-8°C. However, the different antibiotics used in the different compartments might have varying stability for some specific species.

Other studies have shown that there are unsatisfying to none stability of Flexicult® Vet when stored at other degrees than 2-8°C.

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