Instructions

The unique and proprietary media formulation and manufacturing process are one of a kind. The media is formulated for rapid growth (fastest on the market) and also for high accuracy and easy interpretability.

Our proprietary chromogenic system is linked to both biochemical tests and to markers specific to the footprint of each organism to provide a multi-layered, high accuracy system. UTid+ takes the subjectivity as well as the time out of interpreting microbiology, making it possible for the first time to bring these diagnostics back in-house without sacrificing accuracy or simplicity.

STORAGE:

UTid+ may be shipped and stored for brief periods at room temperature. Upon receipt store at 2-8°C, away from direct light. Media should not be used if there are any signs of deterioration (shrinking, cracking, or discoloration), contamination, or if the expiration date has passed. Product is light and temperature sensitive; protect from light, excessive heat, moisture, and freezing.

MAKING THE CULTURE:

Using a sterile cotton-tipped swab, streak the urine sample onto the surface of each section of the UTid+ plate. Re-dip the swab into the sample in-between sections. Use a side-to-side motion and cover the entire surface of the media.

Replace the lid and incubate lid side down at 37 C (98.6 F). The bacterial sections (1-3) will be ready to interpret between 16 and 24 hours, while the fungi section (4) takes 24-72 hours. Check daily.
The UTid+ test uses a four-section plate system, enabling veterinarians and technicians to accurately diagnose almost all commonly encountered infections faster.

SECTION 1
- Klebsiella spp.
- E. coli
- Pseudomonas spp.
- Proteus spp.

SECTION 2
- Streptococcus ssp.
- Enterococcus ssp.

SECTION 3
- Coagulase negative staphylococcus spp.
- Staphylococcus aureus

SECTION 4
- Malasseszia
- Candida
- Other Fungi
How to Read

When reading the plate, always place the white section at the top and the blue section at the bottom. Hold the plate facing the surface of the agar—lid side up. Starting with the lower section, read the plate in a clockwise direction.

SECTION ONE: Gram Negative Species

1. Large, blue round colonies
   Klebsiella spp.

2. Pink, feathery colonies
   E. coli

3. White round colonies, with or without yellow media discoloration
   Pseudomonas spp.

4. Green or orange (depends on species)
   Proteus spp.
SECTION TWO: Streptococcus & Enterococcus Species

- Purple colonies
  Enterococcus spp.

- Different shades of blue colonies
  Streptococcus spp.

SECTION THREE: Staphylococcus Spp.

- White, off white and/or yellow colonies
  Negative staphylococcus spp.
  (chromogenes, haemolyticus)

- Pink colonies
  Staphylococcus aureus

- Pale pink colonies
  S. Epidermidis

SECTION FOUR: Fungi

- Blue colonies
  Prototheca

- Purple colonies
  Malassezia

- White colonies
  Candida

- White round colonies
  Dermatophytes
WHAT IS UTid+®?
UTid+ is a new proprietary in-clinic bacteria and fungal culture system that accurately, economically, rapidly, and easily allows for the identification of bacterial and fungal organisms that can cause urinary tract, skin, and ear infections in dogs and cats.

HOW RAPID ARE RESULTS WITH UTid+?
All bacterial organisms will grow within 16 hours, although in many cases the causative organism can be identified in as little as 8-10 hours. Fungus usually requires a longer period (24 hours or more).

Most pathogenic strains of yeast grow at 35°C. Some strains, may fail to grow at 35°C. If cultivation of all yeast strains is desired, the recommended incubation temperature is 30°C for up to 7 days.

HOW ACCURATE ARE THE RESULTS FOR UTid+?
UTid+ is scientifically proven. Results from top-tier veterinary reference labs comparing results between UTid+ and traditional gold-standard culturing confirms a greater than 95% accuracy.

DOES UTid+ NEED TO BE REFRIGERATED? EXPIRATION DATING?
It is recommended UTid+ be refrigerated once the pack is open. Expiration is 8 months from date of manufacture.
IS UTid+ MORE SENSITIVE TO THE PRESENCE OR LEVEL OF BACTERIAL INFECTION THAN OTHER CULTURING SYSTEMS? (E.G., BLOOD AGAR)

Yes. The proprietary formulation of UTid+ provides a very low CFU threshold for detection, often allowing positive findings of a low-grade infection where competing culturing methods show no growth.

HOW IS UTid+ PACKAGED AND PRICED?

UTid+ comes in packs of 4 plates. Each plate is priced at vet retail $25. One 4-pack costs $100. In addition, you will need a small bench-top incubator. Available for $385 at our website (plus shipping).

*Standard microbiological supplies and equipment such as loops, are not provided in the kit.

WHAT IS THE SCIENCE BEHIND UTid+?

The unique and proprietary media formulation and manufacturing process are designed and calibrated to react uniquely with the biological markers produced by the bacteria and fungus known to cause urinary tract, ear and skin infections in dogs and cats. Each bacteria produce a unique and differentiated waste by-product to which the media reacts producing a specific color associated with the organism growing.

WHAT ABOUT ANTIBIOTIC SENSITIVITY?

For most cases antibiotic sensitivity is not an issue. Most pets begin an antibiotic therapy before the culture result is even known, not to mention the results of a separate antibiotic sensitivity analysis. Furthermore, there is conflicting evidence as to the true usefulness of in vitro sensitivity testing vs in vivo sensitivity with issues such as tissue penetration, biofilms and bacterial interactions. UTid+TM should be seen as a first line diagnostic and if cases continue unresolved after initial or multiple antibiotic protocols, it is recommended susceptibilities and sensitivities be conducted to more definitively determine appropriate therapy.