

Clear & reliable results

presumptive identification of urinary pathogens

Thermo Scientific™ Spectra™ UTI

Presumptive identification
of common UTI isolates

Spectra™ UTI medium provides differentiation and presumptive identification of common urinary tract infection isolates.

Improves Workflow

- Reduces the number of plates to inoculate, incubate and read

Saves Time

- Presumptive identification of UTI organisms in 20 to 24 hours

Enhanced Color Differentiation

- White opaque medium improves visualization of color reactions

Improves Accuracy

- Provides quicker assessment of contaminated specimens and/or polymicrobial infections



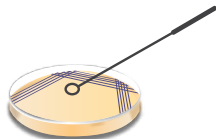
It is estimated that more than seven million outpatient visits and approximately one million hospital stays every year are due to urinary tract infections (UTIs).^{1,2} Of the cultures which are positive for growth, 60-70% will yield *E. coli*, and 5-10% will yield enterococci. Spectra UTI will identify these two pathogens within 20 to 24 hours, thus reducing time to results and laboratory costs.

Spectra UTI is a white, opaque medium which contains two chromogens. Specific enzymes present in urinary tract pathogens react with these chromogens to produce unique colored colonies. Phenylalanine and tryptophan are added to the medium for detection of *Proteus* spp., *Morganella* spp., and *Providencia* spp. Spectra UTI also inhibits the swarming of *Proteus* spp. Organisms producing similar colony morphology on traditional media can be difficult to recognize. These same organisms are easily differentiated on Spectra UTI.

¹Lifshitz, E. and L. Kramer. Outpatient urine culture: Does collection technique matter? Arch. Intern Med. 2000; 160:2537-2540.
²Roberts, J.A. Management of pyelonephritis and upper urinary tract infections. Urol. Clin. North Am. 1999; 26:753-763.

Inoculate plate

Streak Spectra UTI plate with either 0.01µL or 0.001µL calibrated loop.



Incubate at 35°C-37°C for 20-24 hrs. Read results.



Pink
E. coli



Teal/Blue-Green
Enterococcus



Blue/Dark Blue
Klebsiella
Enterobacter
Serratia



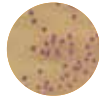
Tan/Brown with
Brown Halo
Proteus
Morganella
Providencia



Non-pigmented
Translucent
Pseudomonas



Non-pigmented
White
Staphylococci
S. agalactiae



White with
Pink Halo
S. saprophyticus

Identification Chart

Organism	B-Galactosidase	B-Glucosidase	TDA	Colony color
<i>Escherichia coli</i>	+			Pink
Enterococci		+		Teal or Blue-Green
<i>Klebsiella</i> , <i>Enterobacter</i> , <i>Serratia</i>	+	+		Blue or Dark Blue
<i>Proteus</i> , <i>Morganella</i> , <i>Providencia</i>			+	Tan-Brown w/ Brown Halo
<i>Pseudomonas</i>				Non-pigmented, Translucent
<i>Staphylococci</i> , <i>Streptococcus</i> <i>agalactiae</i>				Non-pigmented, White
<i>Staphylococcus</i> <i>saprophyticus</i>				White w/ Pink Halo

Ordering Information

Description	Packaging	Ref
Spectra UTI	10/Pack	R01818
Spectra UTI	100/Pack	R01819
Spectra UTI/Blood Agar (biplate)	10/Pack	R02192

The Thermo Scientific product range offers the complete solution for all your UTI needs.

Confirmatory Tests and Reagents

Thermo Scientific™ Remel™ Bactidrop™ Oxidase	50x0.75mL	R21540
Thermo Scientific™ Remel™ Bactidrop™ Spot Indole (DMACA)	50x0.75mL	R21550
Thermo Scientific™ Remel™ Coagulase Plasma	5mL/Vial	R21050
	15mL/Vial	R21051
	25mL/Vial	R21052
	6x5mL/Vial	R21060
Thermo Scientific™ Remel™ Beta Lysin Disk	25 Disks/Vial	R21120
Thermo Scientific™ Remel™ Hippurate Disk	25 Disks/Vial	R21085
Thermo Scientific™ Remel™ Novobiocin Disk (5mcg)	25 Disks/Vial	R21134
Thermo Scientific™ RapID™ ONE System	20 Panels/Kit	R8311006
Rapid identification of more than 70 Enterobacteriaceae and other oxidase-negative bacteria		
Thermo Scientific™ RapID™ Inoculation Fluid	20x2mL/Tube	R8325106
Thermo Scientific™ Remel™ Staphaurex™ Latex Test	120 Tests	R30859901

For more information about the Thermo Scientific Spectra range of chromogenic media and other products, please visit www.thermoscientific.com/microbiology or contact your local representative.

thermoscientific.com/microbiology

© 2014 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are property of Thermo Fisher Scientific Inc., and its subsidiaries.

Contact Information:

microbiology@thermofisher.com
USA +1 800 255 6730

991-025
October 2014

Thermo
SCIENTIFIC

A Thermo Fisher Scientific Brand