**SPECIMEN**

Lab No : P000005

Specimen Type : Urine

**MICROSCOPY**

Leucocyte Range >500 x10E6/L (<10)

Erythrocyte Range >500 x10E6/L (<10)

Epithelial Cells not seen

Bacteria moderate

Antibacterial Activity Not Detected

**CULTURE**

1. Enterobacter cloacae >=10E8 cfu/L

2. Escherichia coli O112 150

**SENSITIVITIES: 1**

Amox/Clavulanate R

Gentamicin S

Meropenem S

Nitrofurantoin R

Norfloxacin S

Trimethoprim S

**COMMENT**

**Organism 1**

ESCAPPM organisms include Enterobacter, Serratia, Citrobacter,

Aeromonas, Hafnia, Providencia and Morganella.

These bacteria possess inducible beta-lactamases and resistance

may arise during treatment with the Penicillins (Amoxycillin,

Augmentin, Timentin, Piperacillin and Tazobactam) and the

Cephalosporins (Cephalothin, Cephazolin, Ceftriaxone, Cefotaxime,

Ceftazidime and Aztreonam).

**INTERPRETATION OF MIDSTREAM/CLEAN-CATCH URINE CULTURE RESULTS**

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A Bacterial Count of >=10e7 cfu/L is consistent with Urinary Tract

Infection. There are no such quantitative ISOelines for Candida.

A leucocyte count of >=10x10e6/L is abnormal.

Epithelial cells, if present, may reflect urogenital contamination.

An organism count >=10e7 cfu/L, in the absence of a raised leucocyte

count, may reflect overflow from a bacteraemia or lack of specimen

refrigeration with bacterial overgrowth prior to culture.

**INTERPRETATION OF INDWELLING CATHETER URINE CULTURE RESULTS**

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If this urine was collected via an indwelling urinary catheter (IDC)

results are consistent with either IDC colonisation or infection.

Antibiotic therapy with the catheter in situ is seldom successful.

IDC removal, if possible, or replacement is suggested.

Treatment should be ISOed by clinical signs such as fever, pain and

raised peripheral leucocyte count etc.