**Patient Work-up Form**

*Patient Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Culture Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

(\* If doing urine culture, include estimated cell count per ml)

**Test: Observations: Interpretation:**

|  |  |  |
| --- | --- | --- |
| Colony morphology on TSY\* |  |  |
| Gram Stain |  |  |
| Acid Fast Stain |  |  |
| Endospore Stain |  |  |
| MacConkeys |  |  |
| Mannitol Salt |  |  |
| Blood Agar |  |  |
| Bacitracin |  |  |
| Indole |  |  |
| Methyl Red |  |  |
| Citrate |  |  |
| TSI | Glucose |  |  |
| GlucoseLactoseSucrose |  |  |
| Gas |  |  |
| Sulfate reduction |  |  |

Bacteria are identified as (include genus and species name): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Antibiotic sensitivity measurements and results:**

|  |  |  |
| --- | --- | --- |
|  | Sensitive | Resistant |
| penicillin | > 29 mm | < 28 mm |
| erythromycin  | > 18 | < 13 |
| ciprofloxacin  | > 18 | < 12 |
| tetracycline  | > 19 | < 14 |
| methicillin  | > 17 | < 12 |
| sulfadiazine  | > 16 | < 10 |
|  | Size of zone | S, R, I | Mechanism of action of antibiotic | Result expected? Y or N |
| penicillin |  |  |  |  |
| methicillin |  |  |  |  |
| sulfadiazine |  |  |  |  |
| tetracycline |  |  |  |  |
| erythromycin |  |  |  |  |
| ciprofloxacin |  |  |  |  |

Also include photos relating to all of your results, as well as any positive and negative control results for any differential stain that you do. Label each photo with a “Figure #: Title” so that it is clear what is photo is a picture of.