**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 |  |  |
| Glucose Lactose Sucrose |  |  |
| 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.