

1. Gram-negative bacillus, oxidase-negative, and ferments glucose. This best describes:

1. *Pseudomonas*.
2. The family *Enterobacteriaceae*.

2. *Salmonella* and *Shigella* infect the _____
and are transmitted by _____.

1. gastrointestinal; fecal-oral route
2. gastrointestinal;
Respiratory secretions
3. urinary tract; fecal contamination
4. lungs; inhalation

3. Which genus is NOT an opportunistic *Enterobacteriaceae*?

1. *Escherichia*
2. *Proteus*
3. *Enterobacter*
4. *Salmonella*

4. Which is NOT an opportunistic infection caused by opportunistic *Enterobacteriaceae*?

1. Urinary tract infection
2. Wound infection
3. Gastrointestinal infection
4. Pneumonia
5. septicemia.

5. Gram-negative bacillus, oxidase-positive, fluoresces under UV light, produces a green water-soluble pigment, and does not ferment glucose. This best describes:

1. The family *Enterobacteriaceae*.
2. *Pseudomonas*.
3. *Escherichia coli*.

6. Which is NOT an infection typically caused by *Pseudomonas aeruginosa*?

1. gastrointestinal infection
2. urinary tract infection
3. lung infection
4. wound infection
5. septicemia