***B.pseudomallei* Characteristics Chart**

**Gram stain:**

**• Small, straight, or slightly curved Gram negative rods (1-3 x<2.0µm)**

**• Smooth form arranged in long, parallel bundles**

**• Rough form arranged irregularly**

**• Bipolar staining**

**Colony morphology:**

**• Smooth, creamy on Sheep Blood and CHOC agar at 24h; may display**

 **metallic sheen on BAP, CHOC at 48 h; some become either mucoid or**

 **dry and wrinkled after 48-72h; no violet pigment**

**• Pink on MAC/EMB agar at 24-48h; will become dry and wrinkled after**

**48-72h**

**• Resistant to colistin and polymyxin B**

**• Resistant to penicillin**

***B.pseudomallei* Characteristics Chart**

**• Susceptible to amoxicillin/clavulanic acid**

**• No pigment on MH agar**

**• Distinctive musty or earthy odor**

**Biochemicals:**

**• Oxidase,catalase, and arginine
dihydrolase positive**

**• Indole negative**

**• Glucose non-fermenter**

**Motility: Positive**

Refer Cultures to your LRN Reference