***B.mallei* Characteristics Chart**

Gram stain:

* + **Small Gram negative coccobacilli or small rods**

Colony morphology:

* + **Smooth, gray, translucent on Sheep Blood agar after 48h**
	+ **Light pink on MacConkey or Eosin Methylene Blue agar after 72h**

Growth:

* + **No growth at 42**

**o**

C at 48h

* + **Variable on MAC/EMB agar**
	+ **Resistant to colistin and polymyxin B**
	+ **Resistant to penicillin**
	+ **Susceptible to amoxicillin/clavulanic acid**
	+ **No pigment on MH agar**

Biochemicals:

* + **Oxidase variable**
	+ **Indole negative**
	+ **Glucose non-fermenter**
	+ **Catalase positive**
	+ **Arginine dihydrolase positive Motility: Negative**



Refer Cultures to your LRN Reference Lab