**Yersinia pestis**

Major Characteristics of *Yersinia pestis*

**Gram stain Morphology:** Gram-Negative rods

**Colony Morphology:** At 24 hours - grey-white, translucent colonies, usually too small to be seen as individual colonies. At 48 hours - colonies growing on SBA are gray white to slightly yellow and opaque. Older cultures may have “Fried Egg” appearance. At 48 hours, *Y. pestis* will grow as small, non-lactose fermenting colonies on MAC agar.

Oxidase Negative?

Yes

Catalase positive?

Yes

Urease Negative?

Yes

Indole Negative?

Yes

**Yersinia pestis**

NOT ruled out

Call the North Dakota Department of Health and send the suspected agent

Report: Possible *Yersinia pestis* submitted to NDPHL for confirmatory testing

https://www.asm.org/Articles/Policy/Laboratory-Response-Network-(LRN)-Sentinel-Level-C