



Presumptive ID Chart for *Francisella tularemia*^a

	<i>Brucella</i> spp.	<i>Francisella tularemia</i>	<i>Psychrobacter phenylpyruvicus</i>	<i>Oligella ureolytica</i> ^a	<i>Haemophilus</i> spp. ^b
Gram stain morphology	tiny ccb, stains faintly	Tiny ccb, stains faint	ccb, rods, retains crystal violet	tiny ccb	Tiny ccb
Catalase	+	- , or weakly +	+	+	v
Oxidase	+	-	+	+	v
BAP distinctions	-	+ (scant growth)	-	-	No growth ^b
MAC-48 h	-	-	-	-	-

^a Reactions extracted from ASM Sentinel Protocols for *Brucella* spp. and *F. tularemia*; NA, not applicable; v, variable; ccb, coocbacilli. *O. ureolytica* is primarily a uropathogen.

^b Only grows on CHOC (requires X & V); or on BAP associated with staphylococcus colony (satellite test).

This job aid is a component of the free, on-demand CDC training course "*Francisella tularemia*." Find the course at <https://reach.cdc.gov/>.