



Differentiation of *Brucella* from other urea-positive, oxidase-positive gram-negative coccobacilli^a

	<i>Brucella</i> spp.	<i>Psychrobacter immobilis</i>	<i>Paracoccus yeei</i>	<i>Psychrobacter phenylpyruvicus</i>	<i>Methylobacterium</i> spp.	<i>Oligella ureolytica</i>	<i>Bordetella bronchiseptica</i> , <i>B. hinzii</i> , <i>Cupriavidus pauculus</i>	<i>Hemophilus</i> spp. b
Gram stain morphology	tiny ccb, stains faintly	ccb, rods	cocci in packets	ccb, rods, retains crystal violet	Vacuolated rods	tiny ccb	rods	Tiny ccb
Catalase	+	+	+	+	+	+	+	v
Oxidase	+	+	+	+	+	+	+	v
Urea	+	v	+	+	v	+	+	v
Motility	-	-	-	-	-	+, delayed	+	-
BAP distinctions	-	Prefers 20°C, Odor of roses	Mucoid	-	Pink, mucoid	-	-	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, coccobacilli. *O. ureolytica* is primarily a uropathogen.

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