

Cow	Quarter	Result		
741	LH	No growth	Heavy growth	>50 colonies per mL
	LF	No growth	Moderate growth	10-50 colonies per mL
	RH	No growth	Minor growth	<10 colonies per mL
	RF	No growth		
		<b>Interpretation:</b> Unfortunately, no significant organisms were cultured from 741's right hind quarter to explain her mastitis at time of sampling.	No growth	No bacteria observed. This can be a true negative result, but can also be a false negative result where any bacteria present were not able to be cultured.
			No significant growth	Minor contamination with an environmental organism or an organism on the teat skin; no major concern.
74	LH	No growth		
	LF	Staph. aureus (moderate growth)		
	RH	No growth		
	RF	No significant growth		
		<b>Interpretation:</b> 74 had a Staph. aureus infection in her left front quarter at time of sampling.		
85	LH	Staph. species (moderate growth)		
	LF	Strep. species (moderate growth)		
	RH	No growth		
	RF	No sample		
		<b>Interpretation:</b> 85 had a Staph. species infection in her left hind quarter (mixed infection with two different species) and a Strep. species infection in her left front quarter at time of sampling.		
863	LH	No growth		
	LF	Strep. species (minor growth)		
	RH	No growth		
	RF	No growth		

		<b>Interpretation:</b> 863 likely had a Strep. species infection in the left front quarter at time of sampling. As these were fairly old samples, even culturing a few surviving organisms of one type may signify an infection was present.		
<b>82</b>	LH	No growth		
	LF	Staph. species (minor growth)		
	RH	No growth		
	RF	No growth		
		<b>Interpretation:</b> 82 likely had a Staph. species infection in the left front quarter at time of sampling. As these were fairly old samples, even culturing a few surviving organisms of one type may signify an infection was present.		
<b>40</b>	LH	Staph. aureus (moderate growth)		
	LF	Staph. aureus (moderate growth)		
	RH	No growth		
	RF	No growth		
		<b>Interpretation:</b> 40 had a Staph. aureus infection in both her left front and left hind quarter at time of sampling.		
<b>69</b>	LH	Staph. species (heavy growth)		
	LF	No growth		
	RH	Staph. species (heavy growth)		
	RF	Staph. aureus (heavy growth)		
		<b>Interpretation:</b> 69 had a Staph. species infection in both her right hind and left hind quarter, and a Staph. aureus infection in her right front quarter at time of sampling.		
<b>42</b>	LH	<i>No sample</i>		
	LF	No growth		
	RH	No growth		
	RF	No growth		

		<b>Interpretation:</b> Unfortunately, no significant organisms were cultured from 42's left front quarter to explain her mastitis at time of sampling.		
<b>17</b>	LH	No growth		
	LF	Staph. aureus (moderate growth)		
	RH	Staph. aureus (minor growth)		
	RF	No growth		
		<b>Interpretation:</b> 17 had a Staph. aureus infection in both her left front and right hind quarter at time of sampling.		