

Table (3): Results of the bacteriological examination of the subclinical mastitic milk sample.

Isolted bacteria	Abees		El-Amreia		Berg El-Arab		Mariout		Total	Frequency %
	37 (+)	%	25 (+)	%	10 (+)	%	8 (+)	%		
Staph . aureus	8	20.51	8	28.57	4	28.57	3	27.27	23	25.00
Strept. agalactia	7	17.94	7	25.00	3	21.42	3	27.27	20	21.73
Strept.dys- agalactia	6	15.38	2	7.14	-	-	-	-	8	8.69
E – coli	5	12.82	1	3.57	-	-	2	18.18	8	8.69
Arctenobact. bovis	6	15.38	5	17.85	5	35.11	2	18.18	18	19.26
Pseudo. aeruginosa	5	12.38	5	17.58	2	14.28	1	9.09	13	14.13
Pseuda . fluorescens	2	5.12	-	-	-	-	-	-	2	2.17
Total	39	100	28	100	14	100	11	100	92	

NB. 12 cases were mixed infection mainly Staph. aureus and E-Coli.

Table (4): Antibigram for bacterial isolates of sub- clinical mastitis in cows.

Isolates	Chlor. (30mg)	Str. (10ug)	Pen. (10lu)	Gent. (10ug)	Kan. (30mg)	Ceph. (30mg)	Amx. (25mg)	Tetr. (30mg)	Tri (25mg)
Staph.aureus	++++	+	+	++++	++	+++	+	++	-
Strept.agalactia	++++	+	-	++++	++	++++	+	++	-
Strept . dysagalactia	++++	-	-	+++	++	+++	-	-	-
E – coli	++++	++	-	+++	++	++++	-	++	++
Arctenobact. bovis	++++	-	-	++++	++	+++	+	++	++
Pseudo . aeruginosa	++++	-	-	++++	+	++	-	+	+
Pseuda.fluorescence	+++	-	-	+++	+	-	-	+	+

++++ = high sensitive

++ = moderate sensitive

+ = less sensitive

- = resistance

Chlor = Chloramphenicol

Kan = Kanamycin

Str = Stryptomycin

Ceph = Cephaloxine

Pen = Penicillin

Amx = Amoxicillin

Gen = Gentanmycin

Tetr = Tetracycline

