

Delvotest[®] T – Overview sensitivities

Delvotest[®] ampoule and plates

The sensitivity for the Delvotest T plates and ampoules has been measured in raw cow milk. The CCB values indicated correspond to the concentration ($\mu\text{g/g}$) of the inhibitor in the milk detected at 95% positive using the test.

The time of incubation used to determine the sensitivity is determined using a negative control reference. The detection concentrations of the test when using a fix incubation time (Ampoules: 3H30, Plates: 3H15) are slightly higher.

The differences in detection capacity of the plates and the ampoules is not significant.

Antibiotic class	Antibiotic	MRL	CCB (ppb)	
			Ampoule	Break-Plate
Penicillins	Amoxicillin	4	5	4
	Ampicillin	4	4	3
	Penicillin G	4	2	2
	Cloxacillin	30	6	5
	Oxacillin	30	30	30
Tetracyclines	Oxytetracycline	100	100	80
	Chlortetracycline	100	150	152
	Tetracycline	100	70	75
	Doxycycline	(0)	50	40
Sulfonamides	Sulfamethazine	100	135	150
	Sulfathiazole	100	40	30
	Sulfadimethoxine	100	40	40
	Sulfadiazine	100	40	50
Macrolides	Tilmicosin	50	60	60
	Tylosin	50	35	35
	Erythromycin	40	160	150

Antibiotic class	Antibiotic	MRL	CCB (ppb)	
			Ampoule	Break-Plate
Aminoglycosidases	Neomycin	1500	60	110
	Gentamycin	100	65	80
	Kanamycin	150	1010	1310
	DH/Streptomycin	200	4240	5830
	Spectinomycin	200	2010	1850
Cephalosporins	Cephapirin	60	6	5
	Ceftiofur (pur)*	100	20	20
	Cefoperazone	50	40	40
	Cefalexin	100	30	20
	Cefquinome	20	40	40
Others	Lincomycin	150	220	180
	Chloramphenicol	(0)	4100	3080
	Trimethoprim	50	110	130
	Rifamixin	60	40	30
	Dapson	0	30	35

*Ceftiofur with metabolites has a detection limit about 4 times higher.



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