



Technical Bulletin



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Delvotest® Fast BT Sensitivity of Delvotest® Fast BT

Delvotest® Fast BT is test for qualitative detection of antibiotic residues in raw milk, namely β -lactams and tetracyclines. Delvotest® Fast BT is based on immunochromatographic technology to qualitatively detect antibiotic residues in milk. The list below is not exhaustive and valid for Delvotest® Fast BT, the sensitivity of the test is given only for the most commonly used antibiotics. The level of detection is based on 100% positive.

Raw Cow Milk

Antibiotic class	Antibiotic	S/TL (US)	MRL (EU)	Level of detection Cow
		ppb		
Penicillins	Penicillin G	5	4	2-3
	Ampicillin	10	4	3
	Amoxicillin	10	4	3
	Oxacillin	-	30	10
	Dicloxacillin	-	30	10
	Nafcillin	-	30	15
	Cloxacillin		30	5
Cephalosporins	Ceftiofur	50	100	4
	Cefquinome	-	20	10
	Cefazoline	-	50	25
	Cephapirine	20	60	10
	Cefacetriple	-	125	50
	Cefoperazone	-	50	10
	Cefalexine	-	100	1000
	Cefalonium	-	20	4
Tetracyclines	Tetracycline	300	100	60-80
	Oxytetracycline	-	100	80
	Chlortetracycline	-	100	>200
	Doxycycline	-	0	>1000

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Raw Goat and Sheep milk

Antibiotic class	Antibiotic	MRL (EU)	Level of detection	Level of detection
			Goat	Sheep
ppb				
Penicilins	Penicillin G	4	1.5	2
	Ampicillin	4	3	3
	Amoxicillin	4	3	3
	Oxacillin	30	10	nd
	Cloxacillin	30	5	5
Cephalosporins	Cefazoline	50	25	15
	Cephapirine	60	10	10
Tetracyclines	Tetracycline	100	40	80
	Oxytetracycline	100	40	100

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