

Cattle Withdrawal Time Chart

d	days	I.M.M.	intramammary	I.P.	intraperitoneal	I.V.	intravenous	Prescription	Prescription drug
dw	drinking water	I.M.	intramuscular	I.R.	intraruminal	mr	milk replacer	Required	
h	hours	I.N.	intranasal	I.Vag.	intravaginal	S.Q.	subcutaneous		

Product Name (<i>Company Name</i>)	Species	Route of Administration	Meat	Milk
20/20 Vision® 7 with Spur® (<i>Interet/Merck Animal Health</i>)	Cattle	S.Q.	21d	
Prescription 300 PRO LA (<i>Norbrook</i>) Required Note: Not for use in lactating dairy cows.	Cattle	I.M., I.V., S.Q.	28d	
Prescription Advocin™ (<i>Zoetis</i>) Required Note: Not for use in cattle intended for dairy production or calves to be processed for veal.	Beef Cattle	S.Q.	4d	
Agrimycin® 100 (<i>AgriLabs</i>) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed out for veal. Not for use in lactating dairy animals.	Cattle	I.V.	22d	
Agrimycin® 200 (<i>AgriLabs</i>)	Beef Cattle Dairy Cattle	I.M., I.V., S.Q. I.M., I.V., S.Q.	28d 28d	96h
Albadry Plus® (<i>Zoetis</i>) Note: Do not use less than 30 days prior to calving. Milk from treated cows must not be used for food during the first 72 hours of calving.	Dairy Cattle	I.M.M.	30d	
Albon® Boluses (<i>Zoetis</i>) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.	Beef Cattle Dairy Cattle	Oral Oral	7d 7d	60h
Alpha 7™ (<i>Boehringer Ingelheim</i>)	Cattle	S.Q.	60d	
Alpha-7/MB™-1 (<i>Boehringer Ingelheim</i>)	Cattle	S.Q.	60d	
Alpha-CD™ (<i>Boehringer Ingelheim</i>)	Cattle	S.Q.	60d	

Prescription Required	Amoxi-Mast® (<i>Intervet/Merck Animal Health</i>)	Dairy Cattle	I.M.M.	12d	60h
	Anthrax Spore Vaccine Colorado Serum)	Cattle	S.Q.	42d	
	Arsenal® 4.1 (<i>Novartis (Farm Animal)</i>) Note: Do not use in pregnant cows or calves nursing nursing pregnant cows.	Cattle	S.Q.	21d	
	Aspirin Bolus 240 Gains (<i>Merrick's</i>) Note: Not for use in lactating cows.	Cattle	Oral		
	Banamine (<i>Merck Animal Health</i>) Note: Do not use in dry dairy cows or veal calves.	Beef Cattle Dairy Cattle	I.V. I.V.	4d 4d	36h
	Bar-Guard-99™ (<i>Boehringer Ingelheim</i>)	Cattle	Oral	21d	
	Bar Somnus 2P™ (<i>Boehringer Ingelheim</i>)	Cattle	I.M.	21d	
	Bar-Vac® 7 (<i>Boehringer Ingelheim</i>)	Cattle	S.Q.	21d	
	Bar-Vac® CD/T (<i>Boehringer Ingelheim</i>)	Cattle	S.Q.	21d	
Prescription Required	Baytril® 100 (enrofloxacin) 100 mg/mL Antimicrobial Injectable Solution (<i>Bayer Animal Health</i>) Note: Not for use in female dairy cattle 20 months of age or older. Do not use in calves to be processed for veal.	Cattle	S.Q.	28d	
	Bio-Mycin® 200 (<i>Boehringer Ingelheim</i>)	Beef Cattle Dairy Cattle	I.M., I.V., S.Q. I.M., I.V., S.Q.	28d 28d	96h
	Blood Stop Power (<i>AgriLabs</i>) Note: Not for use on animals intended for food purposes.	Cattle	Topical		
Prescription Required	BO-SE® (<i>Intervet/Merck Animal Health</i>) Note: Not for use in newborn pigs. Do not use in pregnant ewes.	Cattle	I.M., S.Q.	30d	
	Bovine Pili Shield® (<i>Novartis (Farm Animal)</i>)	Cattle	I.M.	60d	
	Bovine Pili Shield®+C (<i>Novartis (Farm Animal)</i>)	Cattle	I.M.	60d	
	Bovi-Sera Serum Antibodies (<i>Colorado Serum</i>)	Cattle	I.M., S.Q.	21d	
	Bovi-Shield® BRSV (<i>Zoetis</i>)	Cattle	I.M., S.Q.	21d	
	Bovi-Shield GOLD® 4 (<i>Zoetis</i>)	Cattle	S.Q.	21d	
	Bovi-Shield GOLD® 5 (<i>Zoetis</i>)	Cattle	S.Q.	21d	
	Bovi-Shield GOLD® BVD (<i>Zoetis</i>)	Cattle	S.Q.	21d	
	Bovi-Shield GOLD® FP® 5 (<i>Zoetis</i>)	Cattle	I.M., S.Q.	21d	
	Bovi-Shield GOLD® FP® 5 L5 (<i>Zoetis</i>)	Cattle	I.M.	21d	

Bovi-Shield GOLD® FP® 5 L5 HB (Zoetis)	Cattle	I.M., S.Q.	21d		
Bovi-Shield GOLD® FP® 5 VL5 (Zoetis)	Cattle	I.M.	21d		
Bovi-Shield GOLD® FP® 5 VL5 HB (Zoetis)	Cattle	I.M., S.Q.	21d		
BRD Shield™ (Novartis (Farm Animal))	Cattle	S.Q.	21d		
Calf-Guard® (Zoetis)	Cattle	I.M., Oral	21d		
CattleMaster® 4+VL5 (Zoetis)	Cattle	I.M.	21d		
CattleMaster® GOLD FP® 5 (Zoetis)	Cattle	S.Q.	21d		
CattleMaster® GOLD FP® 5 L5 (Zoetis)	Cattle	S.Q.	21d		
Cavalry™ 9 (Intervet/Merck Animal Health)	Cattle	S.Q.	21d		
C & D Antitoxin™ (Boehringer Ingelheim)	Cattle	I.V., S.Q.	21d		
Prescription Required	Ceftiflex® (Med-Pharmex)	Beef	I.M., S.Q.	4d	0h
		Cattle	I.M., S.Q.	4d	
		Dairy			
		Cattle			
Chorulon (Merck Animal Health) Note: Not for human use. Women of childbearing age should handle with extreme caution.	Beef	I.M.	0d		
	Cattle	I.M.	0d		
	Dairy				
	Cattle				
Citadel® L5 (Boehringer Ingelheim)	Cattle	I.M., S.Q.	21d		
Clean-Up™ Pour-On Insecticide with IGR (Bayer Animal Health)	Dairy	Topical	0d	0h	
	Cattle				
Clostratox® BCD (Novartis (Farm Animal))	Cattle	S.Q.	21d		
Clostratox® C (Novartis (Farm Animal))	Cattle	S.Q.	21d		
Clostratox® Ultra C 1300 (Novartis (Farm Animal))	Cattle	Oral, S.Q.	21d		
Clostridium Perfringens Types C & D Antitoxin, Equine origin. (Colorado Serum)	Cattle	I.V., S.Q.	21d		
CI Perfringens Type A Toxoid (Cattle) (Novartis (Farm Animal))	Cattle	S.Q.	21d		
CMPK Gel (Leedstone)	Dairy	Oral	0d	0h	
	Cattle				
Component® E-C with Tylan® (Ivy Animal Health) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal. Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.	Beef	Implant			
	Cattle				
Component® E-H with Tylan® (Ivy Animal Health)	Beef	Implant			
	Cattle				

<p>Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal. Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food. Not to be used in dairy animals.</p>			
<p>Component® E-S with Tylan® (<i>Ivy Animal Health</i>) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal. Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food. Not to be used in dairy animals.</p>	<p>Beef Cattle</p>	<p>Implant</p>	
<p>Component® TE-H with Tylan® (<i>Ivy Animal Health</i>) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal. Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food. Not to be used in dairy animals.</p>	<p>Beef Cattle</p>	<p>Implant</p>	
<p>Component® TE-S with Tylan® (<i>Ivy Animal Health</i>) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal. Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food. Not to be used in dairy animals.</p>	<p>Beef Cattle</p>	<p>Implant</p>	
<p>Compudose® (<i>Ivy Animal Health</i>) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.</p>	<p>Beef Cattle</p>	<p>Implant</p>	
<p>Corid® 1.25% Pellets (<i>AgriLabs</i>) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.</p>	<p>Cattle</p>	<p>In the feed</p>	<p>24h</p>
<p>Corid® 9.6% Oral Solution (<i>Merial</i>) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.</p>	<p>Cattle</p>	<p>dw, Oral</p>	<p>24h</p>

	Corid® 20% Soluble Powder (Merial) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.	Cattle	Oral	24h	
	Covexin® 8 Vaccine (Intervet/Merck Animal Health)	Cattle	I.M., S.Q.	21d	
	Cydectin® Injectable Solution (Boehringer Ingelheim) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal. Not for use in female dairy cattle 20 months of age or older.	Cattle	S.Q.	21d	
	Cydectin® Pour-On (Boehringer Ingelheim) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.	Beef Cattle Dairy Cattle	Topical Topical	0d 0h	0h
	CyLence Guard™ Insecticide Cattle Ear Tag (Bayer Animal Health) Note: Remove tags before slaughter.	Cattle	Ear Tags		
	Cystorelin (Merck Animal Health) Note: Not for human use. Women of childbearing age should handle with extreme caution.	Dairy Cattle	I.V., I.M.	0d	
Prescription Required	Dariclox® (Intervet/Merck Animal Health)	Dairy Cattle	I.M.M.	10d	48h
	Deccox® (Zoetis) Note: Do not feed to cows producing milk for food.	Cattle	In the feed		
	Dectomax® Injectable Solution (Zoetis) Note: Do not use in calves to be processed for veal. Not for use in female dairy cattle 20 months of age or older.	Cattle Swine	I.M., S.Q. I.M.	35d 24d	
	Dectomax® Pour-On (Zoetis) Note: Do not use in calves to be processed for veal. Not for use in female dairy cattle 20 months of age or older.	Cattle	Topical	45d	
Prescription Required	Dexamethasone Solution 2 mg/mL (Generic) Note: Do not use in calves to be processed for veal. Not for use in pregnant animals. Note: This product is used for cystorelin.	Cattle	I.M., I.V.		
Prescription Required	Draxxin® Injectable Solution (Zoetis) Note: Do not use in calves to be processed for	Cattle Swine	S.Q. I.M.	18d 5d	

veal. Do not use in female dairy cattle 20 months of age or older.				
Prescription Dry-Clox® (Boehringer Ingelheim) Required Note: Not to be used within 30 days of calving.	Dairy Cattle	I.M.M.	30d	
Duramycin-10 (Durvet) Note: Do not use in calves to be processed for veal.	Cattle Swine	dw dw	5d 4d	
EAZI-Breed™ CIDR® Cattle Insert (Zoetis) Note: This product is used for cystorelin.	Cattle Dairy Cattle	I. Vag. I. Vag.	0d 0d	0h
Elite® 4 (Boehringer Ingelheim)	Beef Cattle Dairy Cattle	I.M. I.M.	21d 21d	0h
Elite® 4-HS (Boehringer Ingelheim)	Beef Cattle Dairy Cattle	I.M. I.M.	21d 21d	0h
Elite® 9 (Boehringer Ingelheim)	Beef Cattle Dairy Cattle	I.M. I.M.	21d 21d	0h
Elite® 9-HS (Boehringer Ingelheim)	Beef Cattle Dairy Cattle	I.M. I.M.	21d 21d	0h
ENDOVAC-Dairy® with ImmunePlus® (Immvac)	Cattle	I.M.	60d	
EnterVene™-d (Boehringer Ingelheim)	Beef Cattle	S.Q.	21d	
Enviracor™ J-5 (Zoetis)	Dairy Cattle	S.Q.	60d	
Escherichia Coli Bacterial Extract (Zoetis)	Cattle	S.Q.	60d	
estroPLAN (AgriLabs) Note: Not for human use. Women of childbearing age, asthmatics, and persons with bronchial and other respiratory problems should exercise extreme caution when handling this product. Accidental spillage on the skin should be washed off immediately with soap and water.	Beef Cattle Dairy Cattle	I.M. I.M.	0d 0d	
Estrumate (Merck Animal Health) Note: Not for human use. Women of childbearing age, asthmatics, and persons with bronchial and	Beef Cattle Dairy	I.M. I.M.	0d 0d	

	other respiratory problems should exercise extreme caution when handling this product. Accidental spillage on the skin should be washed off immediately with soap and water.	Cattle			
Prescription Required	Excede® Sterile Suspension for Cattle (Zoetis) Note: Do not use in calves to be processed for veal. Administer as single injection in the posterior aspect of the ear where it attaches to the head (base of the ear).	Cattle Dairy Cattle	S.Q. S.Q.	13d 13d	0h
Prescription Required	Excenel® RTU Sterile Suspension (Zoetis) Note: Do not use in calves to be processed for veal. Do not inject more than 15ml per injection site.	Beef Cattle Dairy Cattle	I.M., S.Q. I.M., S.Q.	4d 4d	0h
	Express® 5-HS (Boehringer Ingelheim)	Cattle	S.Q.	21d	
	Express® FP 5 (Boehringer Ingelheim)	Cattle	I.M., S.Q.	21d	
	Express® FP 5-VL5 (Boehringer Ingelheim)	Cattle	I.M., S.Q.	21d	
	Express® FP 10 (Boehringer Ingelheim)	Cattle	I.M., S.Q.	21d	
	Express® FP 10-HS (Boehringer Ingelheim)	Cattle	S.Q.	21d	
Prescription Required	Factrel® Injection (Zoetis) Note: This product is used for cystorelin.	Beef Cattle Cattle	I.M. I.M.	0d 0d	0h
Prescription Required	Fertagyl (Merck Animal Health) Note: Not for human use. Women of childbearing age should handle with extreme caution.	Dairy Cattle	I.V., I.M.	0d	
Prescription Required	Flunixin® Injectable Solution (Generic) Note: Do not use in calves to be processed for veal. Not for use in dry dairy cows.	Beef Cattle Dairy Cattle	I.V. I.V.	4d 4d	36h
	Go-Dry™ (G.C. Hanford) Note: Discard all milk for 72 hours following calving.	Dairy Cattle	I.M.M.	14d	
	Guardian® (Intervet/Merck Animal Health)	Cattle	S.Q.	60d	
Prescription Required	Hetacin-K® Intramammary Infusion (Boehringer Ingelheim)	Dairy Cattle	I.M.M.	10d	72h
Prescription Required	Hexasol™ Injection (Norbrook) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal. Do not use in female dairy cattle 20 months of age or older.	Cattle	I.M., S.Q.	21d	
	Immunoboost® (Bioniche Animal Health)	Cattle	I.V.	21d	
	INFORCE™ 3 (Zoetis)	Cattle	I.N.	21d	

Ivermectin Pour-On (Generic) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.	Cattle	Topical	48d	
IVOMECS® 1% Injection for Cattle and Swine (Merial) Note: A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.	Cattle Swine	S.Q. S.Q.	35d 18d	
IVOMECS® EPRINEX® Pour-On for Beef and Dairy Cattle (Merial) Note: Do not use in calves intended for veal.	Beef Cattle Dairy Cattle	Topical Topical	0d 0d	0h
IVOMECS® Plus Injection for Cattle (Merial) Note: Do not use in calves to be processed for veal.	Cattle	S.Q.	49d	
IVOMECS® Pour-On for Cattle (Merial) Note: Do not use in calves to be processed for veal.	Cattle	Topical	48d	
J-VAC® (Merial)	Cattle	I.M., S.Q.	21d	
L5 SQ (Intervet/Merck Animal Health)	Cattle	S.Q.	21d	
Leptoferm-5® (Zoetis)	Cattle	I.M.	21d	
Liquamycin® LA-200® (Zoetis)	Beef Cattle Dairy Cattle	I.V., S.Q. I.V., S.Q.	28d 28d	96h
Prescription Required LONGRANGE™ (Merial) Note: Do not use in calves to be processed for veal. Do not use in dry dairy cows. Do not use in female dairy cattle 20 months of age or older. Not for use in breeding bulls, or in calves less than 3 months of age. Not for use in cattle managed in feedlots or under intensive rotational grazing.	Cattle	S.Q.	48d	
Prescription Required Lutalyse® Sterile Solution (Zoetis) Note: Not for human use. Women of childbearing age, asthmatics, and persons with bronchial and other respiratory problems should exercise extreme caution when handling this product. Accidental spillage on the skin should be washed off	Beef Cattle Dairy Cattle	I.M. I.M.	0d 0d	0d

	immediately with soap and water.				
	Lysigin® (Boehringer Ingelheim)	Dairy Cattle	I.M.	21d	
	Magnalax Bolets® (Merrick's)	Dairy Cattle	Oral		12h
	Magnalax Powder (Clipper Distributing Co., LLC)	Dairy Cattle	Oral		12h
	Mannheimia Haemolytica-Pasteurella Multocida Bacterin (Colorado Serum)	Cattle	S.Q.	21d	
	Masti-Clear™ (G.C. Hanford)	Dairy Cattle	I.M.M.	3d	60h
Prescription Required	Micotil® 300 Injection (Elanco) Note: Not for use in female dairy cattle 20 months of age or older. Use in dairy cattle or sheep may cause milk residue. Not for human use. Injection of this drug in humans has been associated with fatalities. Keep out of reach of children. Do not use in automatically powered syringes. Exercise caution to avoid accidental self-injection. In case of human injection, consult as physician immediately and apply ice to injection site while avoiding direct contact with the skin. Emergency medical telephone numbers are 1-800-722-0987 or 1-800-428-4441.	Cattle Sheep	S.Q. S.Q.	42d 42d	
	MpB Guard™ (AgriLabs)	Beef Cattle	S.Q.	60d	
Prescription Required	MU-SE® (Intervet/Merck Animal Health)	Cattle	I.M., S.Q.	30d	
	Nasalgen® IP (Intervet/Merck Animal Health)	Cattle	I.N.	21d	
Prescription Required	Naxcel® (Zoetis)	Beef Cattle Dairy Cattle	I.M., S.Q. I.M., S.Q.	4d 4d	0h
	NeoMed® 325 Soluble Powder (Bimeda) Note: A milk discard period has not been established for this product in lactating dairy cattle. Do not use in female dairy cattle 20 months of age or older. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.	Cattle	dw	1d	
	Neomycin Oral Solution (AgriLabs) Note: A milk discard period has not been established for this product in lactating dairy cattle.	Cattle	dw	1d	