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### Diphenhydramine

Description	Is a common over the counter antihistamine used in the treatment of the common cold and hay fever.
Therapeutic Low	0.0250
Therapeutic High	0.1120
Units	ug/mL
Specimen	P
Half Life Low	3.00
Half Life High	14.00
VOD Low	3.00
VOD High	4.00
Toxic Level	5.000
Lethal Level	10.000
Plasma to Whole Blood ratio	1.30
Warnings	Warnings - may impair mental and/or physical ability required for the performance of potentially hazardous tasks (e.g., driving, operating heavy machinery).



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### Etomidate

Description	A general anaesthetic.
Therapeutic Low	0.2200
Therapeutic High	0.4100
Units	ug/mL
Specimen	P
Half Life Low	2.00
Half Life High	11.00
VOD Low	4.00
VOD High	5.00
Toxic Level	0.000
Lethal Level	0.000
Plasma to Whole Blood ratio	0.62
Warnings	



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### Acetaminophen

Description	Acetaminophen is a common over the counter analgesic/antipyretic (Tylenol®). It is often prescribed in combination with various opiate derivatives. Large doses of acetaminophen can produce hepatotoxicity. People who use moderate amounts of ethanol on a regular basis have a greater risk of acetaminophen-induced hepatotoxicity.
Therapeutic Low	5.0000
Therapeutic High	50.0000
Units	ug/mL
Specimen	P
Half Life Low	2.00
Half Life High	3.00
VOD Low	1.00
VOD High	0.00
Toxic Level	150.000
Lethal Level	160.000
Plasma to Whole Blood ratio	0.93
Warnings	Large doses of acetaminophen can produce hepatotoxicity. People who use moderate amounts of ethanol on a regular basis have a greater risk of acetaminophen-induced hepatotoxicity. Large doses of acetaminophen can produce hepatotoxicity. People who use moderate amounts of ethanol on a regular basis have a greater risk of acetaminophen-induced hepatotoxicity.



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### Glipizide

Description	Glipizide, Glucotrol® is used to treat type 2 diabetes (condition in which the body does not use insulin normally and therefore cannot control the amount of sugar in the blood), particularly in people whose diabetes cannot be controlled by diet alone.
Therapeutic Low	0.3000
Therapeutic High	0.4500
Units	ug/mL
Specimen	P
Half Life Low	3.00
Half Life High	7.50
VOD Low	3.50
VOD High	14.00
Toxic Level	0.000
Lethal Level	0.000
Plasma to Whole Blood ratio	0.00
Warnings	



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### Hydrochlorothiazide

Description	A diuretic.
Therapeutic Low	0.1800
Therapeutic High	0.4300
Units	ug/mL
Specimen	P
Half Life Low	6.00
Half Life High	15.00
VOD Low	3.00
VOD High	0.00
Toxic Level	0.000
Lethal Level	0.000
Plasma to Whole Blood ratio	0.41
Warnings	



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### Metoprolol

Description	Is a beta-adrenergic receptor antagonist, "beta blocker," used in the treatment of hypertension and certain arrhythmias.
Therapeutic Low	0.0200
Therapeutic High	0.6000
Units	ug/mL
Specimen	P
Half Life Low	2.50
Half Life High	7.50
VOD Low	2.50
VOD High	5.60
Toxic Level	1.000
Lethal Level	12.000
Plasma to Whole Blood ratio	0.77
Warnings	



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### Salicylate

Description	Salicylate is an over the counter analgesic used in the treatment of mild pain.
Therapeutic Low	20.0000
Therapeutic High	250.0000
Units	ug/mL
Specimen	P
Half Life Low	3.00
Half Life High	20.00
VOD Low	0.13
VOD High	0.20
Toxic Level	0.000
Lethal Level	550.000
Plasma to Whole Blood ratio	1.30
Warnings	



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### Tamsulosin

Description	Flomax® Tamsulosin is an $\alpha_1$ -selective alpha blocker used in the symptomatic treatment of benign prostatic hyperplasia.
Therapeutic Low	0.0000
Therapeutic High	0.0000
Units	ug/mL
Specimen	P
Half Life Low	0.00
Half Life High	0.00
VOD Low	0.00
VOD High	0.00
Toxic Level	0.000
Lethal Level	0.000
Plasma to Whole Blood ratio	0.00
Warnings	





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### Yohimbine

Description	Yohimbine is an alkaloid with stimulant and aphrodisiac effects found naturally in Pausinystalia yohimbe (Yohimbe). It is also found naturally in Rauwolfia serpentina (Indian Snakeroot), Alchornea floribunda (Niando), along with several other active alkaloids. Yohimbine has been used as both an over-the-counter dietary supplement in herbal extract form and
Therapeutic Low	0.0000
Therapeutic High	0.0000
Units	ug/mL
Specimen	P
Half Life Low	0.00
Half Life High	0.00
VOD Low	0.00
VOD High	0.00
Toxic Level	0.000
Lethal Level	0.000
Plasma to Whole Blood ratio	0.00
Warnings	Warnings - may impair mental and/or physical ability required for the performance of potentially hazardous tasks (e.g., driving, operating heavy machinery).