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### Amlodipine

Description	A calcium channel blocker heart medication used in the treatment of hypertension.
Therapeutic Low	0.0010
Therapeutic High	0.0240
Units	ug/mL
Specimen	P
Half Life Low	30.00
Half Life High	40.00
VOD Low	21.00
VOD High	24.00
Toxic Level	0.090
Lethal Level	2.700
Plasma to Whole Blood ratio	0.00
Warnings	Adverse reactions include edema, dizziness, and palpitation.



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### Ranitidine

Description	Ranitidine is an anti-histamine used in the treatment of gastric acid secretion.
Therapeutic Low	0.2000
Therapeutic High	0.8300
Units	ug/mL
Specimen	P
Half Life Low	2.00
Half Life High	3.00
VOD Low	1.60
VOD High	2.40
Toxic Level	0.000
Lethal Level	0.000
Plasma to Whole Blood ratio	0.00
Warnings	



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### Valsartan

Description	Valsartan is an angiotensin II receptor antagonist (more commonly called an "ARB", which stands for Angiotensin Receptor Blocker), acting on the AT1 subtype. In the U.S., valsartan is indicated for treatment of high blood pressure, of congestive heart failure (CHF), and post-myocardial infarction (MI).
Therapeutic Low	0.5000
Therapeutic High	7.1600
Units	ug/mL
Specimen	P
Half Life Low	5.00
Half Life High	9.00
VOD Low	17.00
VOD High	0.00
Toxic Level	0.000
Lethal Level	0.000
Plasma to Whole Blood ratio	0.00
Warnings	