

NRTI Drug Interactions

Charts revised October 2009. Full information available at www.hiv-druginteractions.org

	ABC	ddl	FTC	3TC	d4T	TDF	ZDV
Analgesics							
Buprenorphine							
Codeine	■						■
Diamorphine							
Diclofenac							
Dihydrocodeine	■						■
Methodone	■	■		■	■	■	■
Paracetamol		■					■
Antibacterials							
Azithromycin		■					■
Ciprofloxacin		■					
Clarithromycin					■		■
Clavulanic acid							
Dapsone		■					■
Isoniazid		■			■		
Rifabutin		■			■		■
Rifampicin	■				■	■	■
Streptomycin						■	■
Trimethoprim/Sulfamethoxazole		■	■	■	■	■	■
Anticonvulsants							
Levetiracetam							
Oxcarbazepine							
Phenobarbital	■						■
Phenytoin	■						■
Valproate	■						■
Antidepressants							
Trazodone							
Venlafaxine							
Antifungals							
Amphotericin B		■	■	■	■	■	■
Fluconazole		■			■	■	■
Flucytosine		■	■	■	■	■	■
Itraconazole		■					
Ketoconazole		■					
Posaconazole	■						■
Antineoplastics							
Cytarabine							
Doxorubicin		■	■	■	■	■	■
Etoposide							
Irinotecan	■						■
Vinblastine		■	■	■	■	■	■
Vincristine		■	■	■	■	■	■
Antiprotozoals							
Atovaquone							■
Pentamidine						■	■
Pyrimethamine		■	■	■	■	■	■
Antipsychotics/Neuroleptics							
Quetiapine							
Sulpiride							
Antivirals							
Aciclovir						■	■
Adefovir		■		■		■	■
Amantadine			■	■		■	■
Cidofovir		■	■	■	■	■	■
Entecavir						■	■
Famciclovir							
Foscarnet		■	■	■	■	■	■
Ganciclovir	■	■	■	■	■	■	■
Osetamivir		■	■	■	■	■	■
Ribavirin	■	■		■	■	■	■
Rimantadine							
Valaciclovir						■	■
Zanamivir							
Anxiolytics/Hypnotics/Sedatives							
Oxazepam							
Calcium Channel Antagonist							
Felodipine							

	ABC	ddl	FTC	3TC	d4T	TDF	ZDV
Gastrointestinal Agents							
Cimetidine				■		■	■
Domperidone							
Esomeprazole							
Loperamide		■					
Metoclopramide		■					
Pantoprazole							
Rabeprazole							
Ranitidine		■		■			■
Heart Failure Agents							
Amiloride							
Candesartan							
Chlortalidone							
Cilazapril							
Enalapril							
Furosemide			■	■		■	■
Indapamide			■	■		■	■
Irbesartan	■		■	■		■	■
Lisinopril							
Losartan	■						■
Olmersartan							
Perindopril							
Quinapril							
Ramipril							
Trandolapril							
Valsartan							
Herbals/Nutraceuticals/Vitamins							
Cyanocobalamin							
Valerian							
Illicit/Recreational							
Alcohol	■						
Immune Modulators							
Hydroxyurea		■			■		
Interferon alpha	■	■	■	■	■	■	■
Interleukin 2		■	■	■	■	■	■
Immunosuppressants							
Mycophenolate	■						■
Tacrolimus			■	■		■	■
Lipid Lowering Agents							
Ezetimibe	■						■
Fish oils							
Oral Antidiabetic							
Glicazide							
Pioglitazone							
Others							
Alendronic acid	■	■	■	■	■	■	■
Allopurinol		■					
Digoxin							
Disulfiram	■						■
Dutasteride							
Ibandronic acid	■	■	■	■	■	■	■
Spiroglactone							
Tamsulosin							
Torasemide							
Varenicline	■	■	■	■	■	■	■
Steroids							
Drospirenone							
Dydrogesterone							
Estradiol							
Ethinylestradiol							
Etonogestrel							
Levonorgestrel							
Medroxyprogesterone (IM)							
Medroxyprogesterone (oral)							
Megestrol acetate							
Progesterone/Progestogen				■		■	■

Key to abbreviations

ABC	Abacavir (Ziagen®)
ddl	Didanosine (Videx®, Videx-EC®)
FTC	Emtricitabine (Emtriva®)
3TC	Lamivudine (Epivir®)
d4T	Stavudine (Zerit®)
TDF	Tenofovir (Viread®)
ZDV	Zidovudine (Retrovir®)

Key to symbols

Filled symbols indicate further information on the interaction is available at www.hiv-druginteractions.org. Empty symbols indicate the combination has not been studied; an interaction has been predicted based on the metabolic profiles of the drugs.

■/●	These drugs should not be coadministered
■/□	Potential interaction – may require close monitoring, alteration of drug dosage or timing of administration
◆/◇	No clinically significant interaction expected
±/±	There are no clear data, actual or theoretical, to indicate whether an interaction will occur

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NRTI Coformulations

Combivir® (Lamivudine + Zidovudine)	Kivexa® (Abacavir + Lamivudine)	Truvada® (Emtricitabine + Tenofovir)
	Trizivir® (Abacavir + Lamivudine + Zidovudine)	Atripla® (Emtricitabine + Tenofovir + Efavirenz)