

## Interaction Report

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## Antiretroviral Treatment

Abacavir (ABC)  
Lamivudine (3TC)  
Raltegravir (RAL)

## Co-medications

Atenolol  
Bisoprolol  
Carvedilol  
Metoprolol  
Nebivolol  
Oxprenolol  
Pindolol  
Propranolol  
Timolol

This report lists the summaries of potential interactions (i.e. "red", "amber" and "yellow" classifications) for the drugs in the table above.

Interactions with a "green" or "grey" classification (i.e. no clinically significant interaction or no clear data) have been checked and are listed at the end of this report, but summaries are not shown.

For full details of all interactions, see [www.hiv-druginteractions.org](http://www.hiv-druginteractions.org).

## Description of the interactions

Potential weak interaction - additional action/monitoring or dosage adjustment is unlikely to be required (YELLOW)

## Lamivudine (3TC) + Atenolol

Coadministration has not been studied. Atenolol is mainly eliminated unchanged by the kidney, both by glomerular filtration and active secretion via the renal transporters OCT2 and MATE1. There is potential for competition with lamivudine for elimination via renal transport proteins, which may lead to increased concentrations of either drug.

No clinically significant interaction expected (GREEN)

Abacavir (ABC) + Nebivolol

Lamivudine (3TC) + Nebivolol

Raltegravir (RAL) + Nebivolol

Abacavir (ABC) + Atenolol

Raltegravir (RAL) + Atenolol

Lamivudine (3TC) + Bisoprolol

Abacavir (ABC) + Bisoprolol

Raltegravir (RAL) + Bisoprolol

Lamivudine (3TC) + Carvedilol

Abacavir (ABC) + Carvedilol

Raltegravir (RAL) + Carvedilol

Lamivudine (3TC) + Metoprolol

Abacavir (ABC) + Metoprolol  
Raltegravir (RAL) + Metoprolol  
Lamivudine (3TC) + Propranolol  
Abacavir (ABC) + Propranolol  
Raltegravir (RAL) + Propranolol  
Abacavir (ABC) + Timolol  
Lamivudine (3TC) + Timolol  
Raltegravir (RAL) + Timolol  
Lamivudine (3TC) + Oxprenolol  
Raltegravir (RAL) + Oxprenolol  
Abacavir (ABC) + Oxprenolol  
Raltegravir (RAL) + Pindolol  
Abacavir (ABC) + Pindolol  
Lamivudine (3TC) + Pindolol