

**Table 3. Dosing Recommendations for Anti-TB Drugs for Treatment of Active Drug Sensitive TB**

(Last updated September 27, 2019; last reviewed October 13, 2021)

TB Drug	ARV Drugs	Daily Dose
<b>Isoniazid</b>	All ARVs	5 mg/kg (usual dose 300 mg)
<b>Rifampin</b> <sup>a,b</sup> <b>Note:</b> DTG, RAL, and MVC doses need to be adjusted when used with rifampin	With HIV PIs, DOR, ETR, RPV, BIC, or EVG/c	<b>Not recommended</b>
	With TAF	Use with caution <sup>c</sup> at dose indicated below
	With other ARV drugs	10 mg/kg (usual dose 600 mg)
<b>Rifabutin</b> <sup>a</sup> <b>Note:</b> DOR and RPV doses need to be adjusted when used with rifabutin	With PI with COBI, TAF, BIC, or EVG/c - containing regimens	<b>Not recommended</b>
	With DTG, RAL, EFV, DOR, RPV	5 mg/kg (usual dose 300 mg)
	With HIV PIs with RTV	150 mg <sup>d</sup>
	With EFV	450–600 mg
<b>Pyrazinamide</b>	All ARVs	<b>Weight-Based Dosing</b> <ul style="list-style-type: none"> <li>• <i>Weighting 40–55 kg:</i> 1,000 mg (18.2–25.0 mg/kg)</li> <li>• <i>Weighting 56–75 kg:</i> 1,500 mg (20.0–26.8 mg/kg)</li> <li>• <i>Weighting 76–90 kg:</i> 2,000 mg (22.2–26.3 mg/kg)</li> <li>• <i>Weighting &gt;90 kg:</i> 2,000 mg<sup>e</sup></li> </ul>
<b>Ethambutol</b>	All ARVs	<b>Weight-Based Dosing</b> <ul style="list-style-type: none"> <li>• <i>Weighting 40–55 kg:</i> 800 mg (14.5–20.0 mg/kg)</li> <li>• <i>Weighting 56–75 kg:</i> 1,200 mg (16.0–21.4 mg/kg)</li> <li>• <i>Weighting 76–90 kg:</i> 1,600 mg (17.8–21.1 mg/kg)</li> <li>• <i>Weighting &gt;90 kg:</i> 1,600 mg<sup>e</sup></li> </ul>

<sup>a</sup> For more detailed guidelines on use of different ARV drugs with rifamycin, clinicians should refer to the [Drug-Drug Interactions](#) section of the [Adult and Adolescent Antiretroviral Guidelines](#)

<sup>b</sup> Higher doses may be needed in the treatment of TB meningitis. Expert consultation is advised.

<sup>c</sup> This combination has not been tested in patients to confirm PK and virologic efficacy among patients taking full dose ART and TB regimens

<sup>d</sup> Acquired rifamycin resistance has been reported in patients with inadequate rifabutin levels while on 150 mg twice weekly dosing together with RTV-boosted PIs. May consider TDM when rifabutin is used with an RTV-boosted PI and adjust dose accordingly.

<sup>e</sup> Monitor for therapeutic response and consider TDM to assure dosage adequacy in patients weighing >90 kg.

**Key:** ARV = antiretroviral; ART = antiretroviral therapy; BIC = bictegravir; COBI = cobicistat; DOR = doravirine; DTG = dolutegravir; EFV = efavirenz; ETR = etravirine; EVG = elvitegravir; EVG/c = elvitegravir/cobicistat; FTC = emtricitabine; MVC = maraviroc; PI = protease inhibitor; PK = pharmacokinetic; RAL = raltegravir; RPV = rilpivirine; RTV = ritonavir; TAF = tenofovir alafenamide; TB = tuberculosis; TDM = therapeutic drug monitoring