TABLE 46.1
Transport and Drug Delivery Efficiencies of PRAM and RAS as a Function of Applied Current Density[a]

Current (mA/cm²)	% Transport Efficiency[b]		% Delivery Efficiency	
	PRAM	RAS	PRAM	RAS
0.15	3.05	3.01	10.1	10.3
0.3	2.99	2.69	19.8	18.1
0.5	2.58	2.3	29.0	25.8

[a] 20 mM PRAM and 20 mM RAS in 25 mM MES (pH 5.3) with 26 mM sodium metabisulfite.

[b] Transport efficiency = transport number (t_D) × 100%.

Source: Adapted and reproduced with permission from Kalaria et al. 2018.

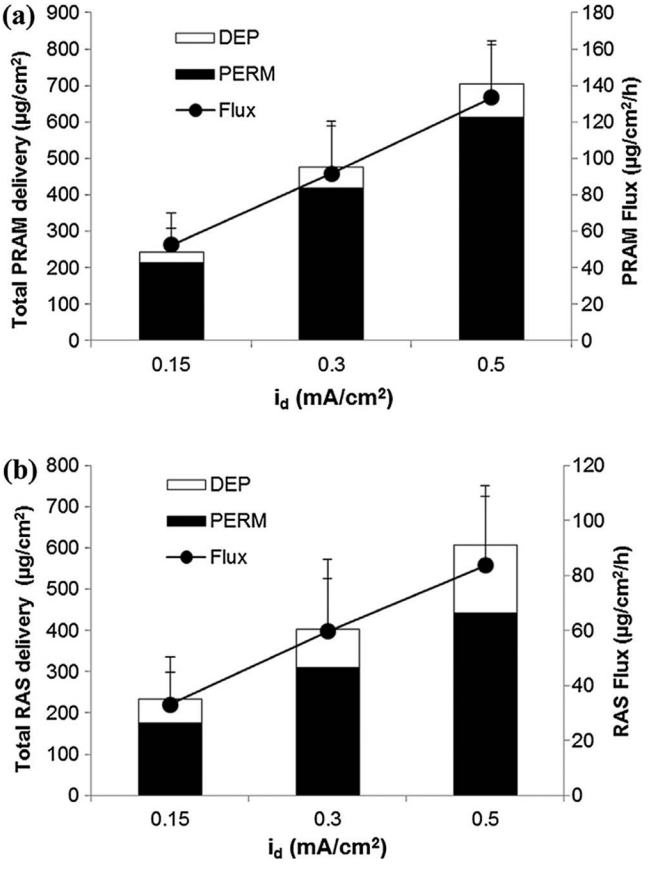

FIGURE 46.6 Total delivery (skin deposition + permeation) and steady-state fluxes of (a) PRAM and (b) RAS at different current densities after six hours of co-iontophoresis with a donor concentration of 20 mM of each drug in 25 mM MES pH 5.3 with 26 mM sodium metabisulfite. (Adapted and reproduced with permission from Kalaria et al. 2018.)