

## Errata

**Table 3.3**  
**Polymorphic Forms of Class I-Enzymes of Alcohol Dehydrogenase (ADH) and Class-II Aldehyde Dehydrogenase (ALDH) Showing Amounts of Isozymes in Different Ethnic Groups**  
 (Hittle and Crabb, 1988)

Gene locus	Subunit type	Populations with high frequency of particular isozyme
ADH2*1	$\beta_1$	Caucasians (90–95 percent), African-Americans (85 percent), Asians (35 percent)
ADH2*2	$\beta_2$	Caucasians (< 5 percent), African-Americans (< 5 percent), Asians (65 percent)
ADH2*3	$\beta_3$	Caucasians (< 5 percent), African-Americans (15 percent), Asians (< 5 percent)
ADH3*1	$\gamma_1$	Caucasians (50–60 percent), African-Americans (85 percent), Asians (95 percent)
ADH3*2	$\gamma_2$	Caucasians (40–50 percent), African-Americans (15 percent), Asians (5 percent)
ALDH2*1	High activity	Dominant in Caucasians and African-Americans
ALDH2*2	Low activity	Dominant in East Asians (Chinese and Japanese)

**Table 3.5**  
**Pharmacokinetic Parameters<sup>1</sup> of Ethanol in Healthy men (N = 10) Who Ingested 0.8 Gram Ethanol per Kilogram Body Weight in a Crossover Design Study Either after an Overnight Fast or Immediately after Eating a Standardized Breakfast**  
 (Jones and Jönsson, 1994b)

Conditions	$C_{max}$ g/L	$t_{max}$ min	$C_0$ g/L	$\rho$ L/kg	$min_0$ min	$\beta$ -slope ( $k_0$ ) g/L/h	$B_{60}$ g/kg/h
<b>Fed</b>	0.62	45	0.97	0.82	393	0.15	0.123
<b>Fasted</b>	0.96	120	1.16	0.69	495	0.14	0.097

<sup>1</sup> The blood-alcohol parameters shown in this table were derived from the mean BAC curves depicted in Figure 3.10 and not from results for individual subjects as described in the article by Jones and Jönsson (1994b).

**Table 3.6**  
**Pharmacokinetic Parameters of Ethanol in Ten Men and Twelve Women Who Drank 0.4 Gram Ethanol per Kilogram Body Weight in Fifteen Minutes, Two to Three Hours after Eating Lunch. Values Shown Are Mean  $\pm$  SD**  
 (Jones and Fransson, unpublished data)

Parameter <sup>1</sup>	Men (N = 10)	Women (N = 12)
$C_{max}$ mg/g	0.426 $\pm$ 0.136	0.417 $\pm$ 0.027
$t_{max}$ min	48.00 $\pm$ 15.49	60.00 $\pm$ 24.49
$C_0$ mg/g	0.510 $\pm$ 0.064	0.577 $\pm$ 0.038 <sup>2</sup>
$\beta$ -slope or $k_0$ mg/g/h	0.115 $\pm$ 0.016	0.138 $\pm$ 0.019 <sup>2</sup>
$V_d$ or $\rho$	0.796 $\pm$ 0.103	0.696 $\pm$ 0.047 <sup>2</sup>
AUC mg $\times$ h/g	56.82 $\pm$ 17.67	58.66 $\pm$ 7.56
$B_{60}$ mg/kg/h	0.090 $\pm$ 0.016	0.096 $\pm$ 0.014

<sup>1</sup> For definitions of parameters see main text. <sup>2</sup> Statistically significant difference between the sexes (p < 0.01).