

TABLE 1. Chloride and bicarbonate fluxes in fetal red cells from different donors, where  $k$  is the rate coefficient (in 1/s),  $V$  is the cell water volume (in  $\text{cm}^3 \times 10^{12}$ ),  $r$  is the distribution ratio and  $J$  is flux (in  $\text{mol}/(\text{cm}^2 \text{ s}) \times 10^8$ )

	$k_{\text{Cl}}$	$k_{\text{HCO}_3}$	$V$	$r = C_1/C_0$	$J_{\text{Cl}}$	$J_{\text{HCO}_3}$	$J_{\text{Cl}} + J_{\text{HCO}_3}$
1 a	10.51	13.59	65.9	0.692	3.39	1.00	4.39
1 b	9.75	13.12			3.15	0.96	4.11
2 a	8.98	12.36	66.6	0.647	2.73	0.82	3.55
2 b	9.30	11.88			2.83	0.86	3.69
3 a	9.83	17.11	64.6	0.624	2.84	1.08	3.92
3 b	11.11	12.87			2.92	0.81	3.73
4 a	8.65	10.58	75.4	0.647	2.99	0.83	3.82
4 b	8.98	12.19			3.10	0.96	4.06
5 a	6.92	12.08	76.9	0.631	2.38	0.95	3.33
5 b	7.49	11.82			2.58	0.93	3.51
Mean	9.15	12.76		0.648	2.89	0.92	3.81
s.d.	$\pm 1.27$	$\pm 1.74$		$\pm 0.026$	$\pm 0.29$	$\pm 0.09$	
$n$	10	10		5	10	10	