TABLE 1

Steady state concentration of red cell intermediates

Variable no.	Variable	Numerical values (mM) Model	Literature	References
1	G6P	0·0486	0·038 ± 0·012	Beutler (1975); Jacobasch *et al.* (1974)
2	F6P	0·0198	0·016 ± 0·003	Beutler (1975); Jacobasch *et al.* (1974)
3	FDP	0·0146	0·0076 ± 0·004	Beutler (1975); Jacobasch *et al.* (1974)
4	DHAP	0·16	0·140 ± 0·080	Beutler (1975); Jacobasch *et al.* (1974); Rapoport *et al.* (1979)
5	GA3P	0·00728	0·0067 ± 0·001	Beutler (1975); Jacobasch *et al.* (1974)
6	1,3DPG	0·000243	0·0004	Beutler (1975); Jacobasch *et al.* (1974)
7	3PG	0·0773	0·045	Beutler (1975); Jacobasch *et al.* (1974)
8	2PG	0·0113	0·014 ± 0·005	Beutler (1975); Jacobasch *et al.* (1974)
9	PEP	0·0192	0·017 ± 0·002	Beutler (1975); Jacobasch *et al.* (1974)
10	PYR	0·0600	0·077 ± 0·05	Beutler (1975); Jacobasch *et al.* (1974); Marshall (1974); Rapoport *et al.* (1979)
11	LAC	1·36	1·100 ± 0·500	Beutler (1975); Jacobasch *et al.* (1974)
12	2,3DPG	5·29	4·500 ± 0·500	Gerber *et al.* (1975); Jacobasch *et al.* (1974); Rapoport *et al.* (1979)
13	NADH	0·0301	†	Marshall & Omachi (1974); Mills *et al.* (1976); Omachi *et al.* (1969)
14	ADO	0·0000 34	0·0012 ± 0·0003	Mills *et al.* (1976)
15	AMP	0·0873	0·080 ± 0·009	Beutler (1975); Rapoport *et al.* (1979)
16	ADP	0·29	0·270 ± 0·120	Beutler (1975); Rapoport *et al.* (1979)
17	ATP	1·60	1·540 ± 0·250	Beutler (1975); Rapoport *et al.* (1979)
18	GL6P	0·0000117	†	†
19	GO6P	0·47	†	†
20	NADPH	0·0643	0·0658	Omachi *et al.* (1969)
21	GSH	3·20	3·210 ± 1·500	Beutler (1975)
22	RU5P	0·00731	†	†
23	R5P	0·0187	†	†
24	X5P	0·0218	†	†
25	S7P	0·0444	†	†
26	E4P	0·00835	†	†
27	PRPP	0·00523	0·005 ± 0·001	Fox (1971)
28	IMP	0·0111	0·010	Fox & Kelley (1971); Henderson (1973)
29	INO	0·00000784	0·001	Fox & Kelley (1971); Henderson (1973)
30	HX	0·0000336	0·002	Fox & Kelley (1971); Henderson (1973)
31	R1P	0·00173	0·060	Fox & Kelley (1971); Henderson (1973)
32	K_i	130·65	135·000 ± 10·0	Funder (1966); Hellerstein *et al.* (1970)
33	Na_i	13·78	10·000 ± 6·00	Funder & Weith (1966); Hellerstein *et al.* (1970)
34	ω_i	1·02	1·00	
35	Donnan ratio, (r)	0·62	0·65 ± 0·05	Lew & Beauge (1979)

† Exact experimental value is difficult to determine and is not readily available.