

**Table 2.** Experimental data for HGP, gluconeogenesis (GNG), glycogenolysis (GLY).

Method	Reference	Time [h]	HGP	GNG	GLY	GNG/HGP
			[ $\mu\text{mol/kg(bw)/min}$ ]	[ $\mu\text{mol/kg(bw)/min}$ ]	[ $\mu\text{mol/kg(bw)/min}$ ]	[%]
<sup>14</sup> C-acetate	[48]	66	7.56	7.39	0.34	97
<sup>13</sup> C-NMR	[22]	42–64	8.7	8.3	0.3	96
<sup>13</sup> C-glycerol MIDA	[49]	60	7.87	7.71	1.58	98
<sup>13</sup> C-glucose MID	[50]	40	9.8	9.1	1.1	92
<sup>2</sup> H <sub>2</sub> O	[51]	42	-	-	-	93
<sup>2</sup> H <sub>2</sub> O	[52]	40	7.93	7.13	0.8	90
<sup>14</sup> C -acetate	[48]	14	12.5	3.6	9	28
<sup>14</sup> C -bicarbonate	[53]	10–12	7.15	2.2	4.9	31
<sup>14</sup> C -bicarbonate	[54]	12–14	8.3	2.6	5.5	31
<sup>14</sup> C -glucose	[55]	12	8.8	4.5	4.3	51
<sup>13</sup> C-NMR	[22]	22	12.2	7.9	4.3	64
<sup>13</sup> C-NMR	[23]	23	8.9	6.1	2.8	70
<sup>13</sup> C-glycerol MIDA	[49]	11	12.1	5.9	6.2	49
<sup>13</sup> C-glycerol	[56]	10	11.7	4.9	6.8	41
<sup>13</sup> C-glucose MID	[50]	12	12.9	5.3	7.7	41
<sup>13</sup> C-glucose	[57]	-	13.1	7.4	5.7	56
<sup>13</sup> C-glucose (a)	[58]	18	8.5	5.9	2.6	59
<sup>13</sup> C-glucose (b)	[58]	18	8.5	3.7	4.8	44
<sup>13</sup> C-glucose	[59]	12	12.9	5.3	7.6	41
<sup>13</sup> C-glucose	[59]	16	11.5	6.6	4.8	57
<sup>13</sup> C-glucose	[59]	20	10	7.1	2.9	71
<sup>2</sup> H <sub>2</sub> O	[51]	14	10.2	5.5	4.7	54
<sup>2</sup> H <sub>2</sub> O	[51]	22	8.6	5.5	3.1	64
<sup>2</sup> H <sub>2</sub> O	[60]	16	10	5.5	4.5	55
<sup>2</sup> H <sub>2</sub> O	[60]	20	9	5.4	3.6	60
<sup>2</sup> H <sub>2</sub> O	[60]	24	8.5	5.2	3.3	61
<sup>2</sup> H <sub>2</sub> O	[61]	10	11.4	5.5	5.9	48
<sup>2</sup> H <sub>2</sub> O	[62]	16	12.2	6.7	5.5	55
<sup>2</sup> H <sub>2</sub> O	[63]	15	12.4	5.6	6.7	45
<sup>2</sup> H <sub>2</sub> O	[56]	10	12.2	7.4	3.8	60
<sup>2</sup> H <sub>2</sub> O	[64]	11	10.4	5.8	4.65	55
<sup>2</sup> H <sub>2</sub> O	[65]	16	9.8	5	4.8	51
<sup>2</sup> H <sub>2</sub> O	[66]	15	17.7	12.7	5	71
<sup>2</sup> H <sub>2</sub> O	[67]	16	17.5	8.9	8.2	51
<sup>2</sup> H <sub>2</sub> O	[68]	17	11.9	4.6	7.3	38

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