

Part IV. Tissue Water

	Tissue	Subjects		Water Content liters/kg tissue	Method	Refer- ence
		Age	No.			
1	Bone: whole femur, excluding epiphyses	Fetus, 2-14 wk	3	0.0560	Dried to constant wt	3,5
2		Fetus, 20-24 wk	9	0.0546		
3		Newborn	8	0.0488		
4		2-4.5 mo	6	0.0492		
5		5-9 mo	5	0.0437		
6		12-14 mo	5	0.0397		
7		11-12 yr	2	0.0307		
8		18-35 yr	8	0.0227		
9	Skin: abdomen or thigh samples, fat re- moved	Fetus, 13-14 wk	2	0.917	Cut & dried to constant wt	7
10		Fetus, 20-22 wk	4	0.901		
11		Newborn	4	0.828		
12		3-6 mo	6	0.675		
13		Adult	5	0.694		
14	Striated (skeletal) muscle	Fetus, 14 wk	1	0.907	Cut & dried to constant wt	4
15		Fetus, 20-22 wk	2	0.887		
16		Newborn	2	0.804		
17		4-7 mo	3	0.785		
18		Adult	3	0.792		
19	Adipose tissue	Adult	90	0.147 ± 0.073	Cut & dried to constant wt	1
20	Erythrocytes	Adult	50	0.799 ± 0.042	Dried to constant wt	6
21	Plasma	Adult	15	0.925(0.910-0.930)	Karl Fischer method	2

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References

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