

Body Composition Analysis

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Client data

Name DF50 example DF50 example
Age 42
Height 177.0 *cm*
Weight 105.5 *kg* **File number**

Bioelectrical Impedance Analysis - Raw Data

Resistance (R) 397.8 *ohms* **Impedance (Z)** 402.2 *ohms*
Reactance (Xc) 59.3 *ohms* **Phase angle** 8.5 *degrees*

Fluid Distribution

	<i>Litres</i>	<i>Percent</i>	<i>Reference ranges</i>
Total Body Water (TBW)	52.2	49.5%	57% - 61%
Intracellular Water (ICW)	29.7	56.8%	50% - 60%
Extracellular Water (ECW)	22.5	43.2%	40% - 50%

Body Composition

		<i>Percent</i>	<i>Reference ranges</i>
Percentage of Ideal Weight		149.9%	90 - 110%
Body Mass Index (BMI)	33.7		Median 23 - 27, age dependent
Fat Free Mass (FFM)	72.4 <i>kg</i>	68.6%	
Fat Mass (FM)	33.1 <i>kg</i>	31.4%	
Basal Metabolic Rate (BMR)*	8.7 <i>MJ/day</i>		
Active Tissue Mass (ATM)*	41.4 <i>kg</i>	39.3%	
Extracellular Mass (ECM)*	31.0 <i>kg</i>	29.4%	

References:

"Lean body mass estimation by bioelectrical impedance methods; a four-sit cross validation study."
Segal K.R., van Loan M., Fitzgerald P.I., Hodgdon J.A. & van Itallie T.B.
American Journal of Clinical Nutrition 47:1988 pp 7-14

* Note: Calculated from algorithms based on a normal population base. See User Manual for details.

