

**References (database v4.1, 22.2.2022)**

**References for the thermal, physical, and dielectric properties** listed in our material properties database. Values for tissues of which the properties are not available in the literature are substituted with values from other tissues. In these cases, the tissue used for the value is listed instead of a reference. The rationale for each individual substitution is provided in the Rationale for Tissue Substitutions.

Tissue	Density	Heat Capacity	Thermal Conductivity	Heat Transfer Rate	Dielectric Properties
Adrenal Gland	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010 Bernardi et al., 2003	McIntosh and Anderson, 2010 Williams and Leggett, 1986	Peyman et al., 2012
Air	N/A  See Fluid Properties Database, Equation	Bernardi et al., 2003 Collins et al., 2004  See Fluid Properties Database, Equation	Bernardi et al., 2003 Collins et al., 2004  See Fluid Properties Database, Equation	Not in Database	Gabriel et al., 1996
Bile	McIntosh and Anderson, 2010	Bernardi et al., 2003 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	Gabriel et al., 1996
Blood	Duck, 1990 McIntosh and Anderson, 2010	Bernardi et al., 2003 McIntosh and Anderson, 2010	Collins et al., 2004 Duck, 1990 Holmes Appendix A-B McIntosh and Anderson, 2010 Van Den Berg et al., 1983	Collins et al., 2004	Gabriel et al., 1996
Blood Plasma	Hinghofer-Szalansky et al., 1987	Duck, 1990	Duck, 1990	Not in Database	Not in Database
Blood Serum	Wolf, 2000	Not in Database	Not in Database	Not in Database	Not in Database
Blood Vessel Wall	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	Williams et al., 1988	Gabriel et al., 1996

**N/A:** A value exists in the database for a certain tissue parameter but its reference is no longer traceable, **None:** The property is not existent for the tissue in question, **Not in Database:** Values for that property are not yet included in the material properties database.

Tissue	Density	Heat Capacity	Thermal Conductivity	Heat Transfer Rate	Dielectric Properties
Bone	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)
Bone (Cancellous)	Duck, 1990 McIntosh and Anderson, 2010	Collins et al., 2004 McIntosh and Anderson, 2010	Clattenburg et al., 1975 Collins et al., 2004 McIntosh and Anderson, 2010	Collins et al., 2004 McIntosh and Anderson, 2010 Williams and Leggett, 1986	Gabriel et al., 1996
Bone (Cortical)	Duck, 1990 McIntosh and Anderson, 2010	Duck, 1990 McIntosh and Anderson, 2010 Van Leeuwen et al., 1999	Collins et al., 2004 McIntosh and Anderson, 2010	Collins et al., 2004	Gabriel et al., 1996
Bone Marrow (Red)	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010 Williams and Leggett, 1986	Gabriel et al., 1996
Bone Marrow (Yellow)	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	Gabriel et al., 1996
Brain	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010 Williams and Leggett, 1986	Cerebellum
Brain (Grey Matter)	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010 Bernardi et al., 2003 Duck, 1990	McIntosh and Anderson, 2010	Collins et al., 2004 McIntosh and Anderson, 2010	Gabriel et al., 1996
Brain (White Matter)	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010 Duck, 1990 Bernardi et al., 2003	McIntosh and Anderson, 2010	Collins et al., 2004 McIntosh and Anderson, 2010	Gabriel et al., 1996
Breast Fat	Fat	Fat	Hamilton, 1998	Delille et al., 2002	Gabriel et al., 1996
Breast Gland	McIntosh and Anderson, 2010 Woodard et al., 1986	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	Thyroid Gland

**N/A:** A value exists in the database for a certain tissue parameter but its reference is no longer traceable, **None:** The property is not existent for the tissue in question, **Not in Database:** Values for that property are not yet included in the material properties database.

Tissue	Density	Heat Capacity	Thermal Conductivity	Heat Transfer Rate	Dielectric Properties
Bronchi	Blood Vessel Wall	Blood Vessel Wall	Blood Vessel Wall	Parsons et al., 1985 Wu et al., 1985	Trachea
Bronchi lumen	Air	Air	Air	None	Air
Cartilage	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010 Bernardi et al., 2003	McIntosh and Anderson, 2010 Bernardi et al., 2003	McIntosh and Anderson, 2010	Gabriel et al., 1996
Cerebellum	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	Gabriel et al., 1996
Cerebrospinal Fluid	Duck, 1990	Bernardi et al., 2003 Van Leeuwen et al., 1999	Collins et al., 2004 Van Leeuwen et al., 1999 Bernardi et al., 2003	None	Gabriel et al., 1996
Cervix	Uterus	Uterus	Uterus	N/A	Gabriel et al., 1996
Commissura Anterior	Brain (White Matter)	Brain (White Matter)	Brain (White Matter)	Brain (White Matter)	Brain (White Matter)
Commissura Posterior	Brain (White Matter)	Brain (White Matter)	Brain (White Matter)	Brain (White Matter)	Brain (White Matter)
Connective Tissue	Tendon/Ligament and Bone (Cortical)	Tendon/Ligament and Bone (Cortical)	Tendon/Ligament and Bone (Cortical)	N/A	Tendon\Ligament
Diaphragm	Muscle	Muscle	Muscle	Guenette et al., 1985	Muscle
Ductus Deferens	Blood Vessel Wall	Blood Vessel Wall	Blood Vessel Wall	Ureter/Urethra	Blood Vessel Wall
Dura	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	Gabriel et al., 1996
Epididymis	Testis	Testis	Testis	Testis	Testis
Esophagus	Duck, 1990	McIntosh et al., 2010	Collins et al., 2004	Barnes et al., 1983	Stomach
Esophagus Lumen	Air	Air	Air	None	Air
Extracellular Fluids	Brownlow et al., 1981 Duck, 1990	Duck, 1990	Duck, 1990		Cerebrospinal Fluid
Eye (Aqueous Humor)	Begui, 1954 ICRP Publication 23	Scott, 1998	Duck, 1990	None	Cerebrospinal Fluid
Eye (Choroid)	Blood	Blood	Xuan et al., 1999	Caprioli et al., 1984	Blood
Eye (Ciliary Body)	Muscle	Muscle	Muscle	Caprioli et al., 1984	Muscle

**N/A:** A value exists in the database for a certain tissue parameter but its reference is no longer traceable, **None:** The property is not existent for the tissue in question, **Not in Database:** Values for that property are not yet included in the material properties database.

Tissue	Density	Heat Capacity	Thermal Conductivity	Heat Transfer Rate	Dielectric Properties
Eye (Cornea)	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Bernardi et al., 2003</a>	None	<a href="#">Gabriel et al., 1996</a>
Eye (Iris)	Muscle	Muscle	Muscle	<a href="#">Caprioli et al., 1984</a>	Muscle
Eye (Lens)	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Bernardi et al., 2003</a> <a href="#">Van Leeuwen et al., 1999</a>	<a href="#">McIntosh and Anderson, 2010</a> Oezen et al. <a href="#">Bernardi et al., 2003</a>	None	<a href="#">Gabriel et al., 1996</a>
Eye (Retina)	<a href="#">Stefanson et al., 1987</a>	Brain (Grey Matter)	Brain (Grey Matter)	<a href="#">Caprioli et al., 1984</a>	Brain (Grey Matter)
Eye (Sclera)	N/A	<a href="#">Bernardi et al., 2003</a>	<a href="#">Bernardi et al., 2003</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">Gabriel et al., 1996</a>
Eye Lens (Cortex)	Eye(Lens)	Eye(Lens)	Eye(Lens)	None	<a href="#">Gabriel et al., 1996</a>
Eye Lens (Nucleus)	Eye(Lens)	Eye(Lens)	Eye(Lens)	None	<a href="#">Gabriel et al., 1996</a>
Fat	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Van Den Berg et al., 1983</a> <a href="#">Collins et al., 2004</a> <a href="#">Van Leeuwen et al., 1999</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Duck, 1990</a> Holmes Appendix A-B <a href="#">Van Leeuwen et al., 1999</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Williams and Leggett, 1986</a>	Fat (Average Infiltrated)
Fat (Average Infiltrated)	Fat	Fat	Fat	Fat	<a href="#">Gabriel et al., 1996</a>
Fat (Not Infiltrated)	Fat	Fat	Fat	None	<a href="#">Gabriel et al., 1996</a>
Gallbladder	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">Gabriel et al., 1996</a>
Glandula Vesiculosa	Prostate	Prostate	Prostate	Prostate	Testis
Heart Lumen	Blood	Blood	Blood	Blood	Blood

**N/A:** A value exists in the database for a certain tissue parameter but its reference is no longer traceable, **None:** The property is not existent for the tissue in question, **Not in Database:** Values for that property are not yet included in the material properties database.

Tissue	Density	Heat Capacity	Thermal Conductivity	Heat Transfer Rate	Dielectric Properties
Heart Muscle	Duck, 1990 McIntosh and Anderson, 2010	Duck, 1990 McIntosh and Anderson, 2010	Duck, 1990 McIntosh and Anderson, 2010 Van Den Berg et al., 1983 Bowman et al., 1975 Holmes Appendix A-B	McIntosh and Anderson, 2010 Williams and Leggett, 1986	Gabriel et al., 1996
Hypophysis	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010 Williams and Leggett, 1986	Thyroid Gland
Hypothalamus	Brain (Grey Matter)	Brain (Grey Matter)	Brain (Grey Matter)	Brain (Grey Matter)	Brain (Grey Matter)
Intervertebral Disc	Cartilage	Cartilage	Cartilage	Cartilage	Peyman et al., 2010
Kidney	Duck, 1990 McIntosh and Anderson, 2010	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	McIntosh and Anderson, 2010 Williams and Leggett, 1986	Gabriel et al., 1996
Kidney (Cortex)	McIntosh and Anderson, 2010	Holmes et al., 1983	Hamilton, 1998 McIntosh and Anderson, 2010	De Bazelaire et al., 2005 Holmes Appendix A-B Roberts et al., 1995	Kidney
Kidney (Medulla)	Duck, 1990	N/A	Bernardi et al., 2003	Holmes Appendix A-B Roberts et al., 1995	Kidney
Large Intestine	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010 Bernardi et al., 2003	McIntosh and Anderson, 2010 Bernardi et al., 2003 Duck, 1990	McIntosh and Anderson, 2010 Williams and Leggett, 1986	Gabriel et al., 1996
Large Intestine Lumen	Muscle and Water	Muscle and Water	Muscle and Water	None	Muscle
Larynx	Cartilage	Cartilage	Cartilage	Cartilage	Cartilage
Liver	Duck, 1990 McIntosh and Anderson, 2010	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010 Bowman et al., 1975 Duck, 1990 Holmes Appendix A-B	Williams and Leggett, 1986 McIntosh and Anderson, 2010	Gabriel et al., 1996
Lung	Duck, 1990 McIntosh and Anderson, 2010	McIntosh and Anderson, 2010	Duck, 1990 McIntosh and Anderson, 2010	Williams and Leggett, 1986	Lung (Inflated)

**N/A:** A value exists in the database for a certain tissue parameter but its reference is no longer traceable, **None:** The property is not existent for the tissue in question, **Not in Database:** Values for that property are not yet included in the material properties database.

Tissue	Density	Heat Capacity	Thermal Conductivity	Heat Transfer Rate	Dielectric Properties
Lung (Deflated)	<a href="#">Duck, 1990</a>	Lung	Lung	Lung	<a href="#">Gabriel et al., 1996</a>
Lung (Inflated)	Lung	Lung	Lung	Lung	<a href="#">Gabriel et al., 1996</a>
Lymph	<a href="#">biowater.com</a>	Not in Database	Not in Database	Not in Database	Not in Database
Lymphnode	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Van Den Berg et al., 1983</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Williams and Leggett, 1986</a>	<a href="#">Peyman et al., 2012</a>
Mandible	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)	N/A	Bone (Cortical)
Medulla Oblongata	Brain	Brain	Brain	Brain	Cerebellum
Meniscus	Cartilage	Cartilage	Cartilage	Cartilage	Cartilage
Midbrain	Brain	Brain	Brain	Brain	Cerebellum
Mucous Membrane	N/A	<a href="#">Collins et al., 2004</a>	<a href="#">Collins et al., 2004</a>	<a href="#">McIntosh and Anderson, 2010</a>	Muscle
Muscle	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Van Den Berg et al., 1983</a> <a href="#">Van Leeuwen et al., 1999</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Duck, 1990</a> <a href="#">Collins et al., 2004</a> <a href="#">Bowman et al., 1975</a> <a href="#">Van Leeuwen et al., 1999</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Sekins et al., 1980</a> <a href="#">Williams and Leggett, 1986</a>	<a href="#">Gabriel et al., 1996</a>
Nerve	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">Gabriel et al., 1996</a>
Ovary	<a href="#">Duck, 1990</a>	Testis	Testis	N/A	<a href="#">Gabriel et al., 1996</a>
Pancreas	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh et al., 2010</a>	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Williams and Leggett, 1986</a>	Thyroid Gland
Patella	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)
Penis	Blood Vessel Wall	Blood Vessel Wall	Blood Vessel Wall	<a href="#">Joeng et al., 2002</a>	Blood Vessel Wall
Pharynx	Air	Air	Air	None	Air
Pineal Body	Hypophysis	Hypophysis	Hypophysis	Hypophysis	Thyroid gland
Placenta	<a href="#">Duck, 1990</a> <a href="#">Chung and Park, 2002</a>	<a href="#">Hand et al., 2010</a>	N/A	<a href="#">Duncan et al., 1998</a> <a href="#">Wagner et al., 1980</a>	Blood

**N/A:** A value exists in the database for a certain tissue parameter but its reference is no longer traceable, **None:** The property is not existent for the tissue in question, **Not in Database:** Values for that property are not yet included in the material properties database.

Tissue	Density	Heat Capacity	Thermal Conductivity	Heat Transfer Rate	Dielectric Properties
Pons	Brain	Brain	<a href="#">McIntosh and Anderson, 2010</a>	Brain	Cerebellum
Prostate	<a href="#">Duck, 1990</a>	<a href="#">Giering et al., 1995</a>	N/A	N/A	Testis
Salivary Gland	Prostate	Prostate	Prostate	<a href="#">Bisdas et al., 2007</a> <a href="#">Williams and Leggett, 1986</a>	<a href="#">Peyman et al., 2012</a>
SAT (Subcutaneous Fat)	Fat	Fat	Fat	Fat	Fat (Average Infiltrated)
Scalp	Skin	Skin	Skin	Skin	Skin
Skin	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Collins et al., 2004</a> <a href="#">Bernardi et al., 2003</a> <a href="#">Van Leeuwen et al., 1999</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Duck, 1990</a> <a href="#">Collins et al., 2004</a> <a href="#">Bowman et al., 1975</a> <a href="#">Holmes Appendix A-B</a> <a href="#">Van Leeuwen et al., 1999</a>	<a href="#">Collins et al., 2004</a> <a href="#">McIntosh and Anderson, 2010</a> <a href="#">Williams and Leggett, 1986</a>	<a href="#">Gabriel et al., 1996</a> (Skin Dry)
Skull	Bone	Bone	Bone	Bone	Bone
Skull (Cancellous)	Bone (Cancellous)	Bone (Cancellous)	Bone (Cancellous)	Bone (Cancellous)	Bone (Cancellous)
Skull (Cortical)	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)
Small Intestine	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Williams and Leggett, 1986</a>	<a href="#">Gabriel et al., 1996</a>
Small Intestine Lumen	Muscle and Water	Muscle and Water	Muscle and Water	None	Muscle
Spinal Cord	Nerve	Brain	Brain	<a href="#">McIntosh and Anderson, 2010</a>	Nerve
Spleen	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Williams and Leggett, 1986</a>	<a href="#">Gabriel et al., 1996</a>
Stomach	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Williams and Leggett, 1986</a>	<a href="#">Gabriel et al., 1996</a>
Stomach Lumen	Muscle and Water	Muscle and Water	Muscle and Water	None	Muscle
Tendon\Ligament	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Collins et al., 2004</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Collins et al., 2004</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">Gabriel et al., 1996</a>

**N/A:** A value exists in the database for a certain tissue parameter but its reference is no longer traceable, **None:** The property is not existent for the tissue in question, **Not in Database:** Values for that property are not yet included in the material properties database.

Tissue	Density	Heat Capacity	Thermal Conductivity	Heat Transfer Rate	Dielectric Properties
Testis	<a href="#">Duck, 1990</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">Gabriel et al., 1996</a>
Testis	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Williams and Leggett, 1986</a>	<a href="#">Gabriel et al., 1996</a>
Thalamus	Brain (Grey Matter)	Brain (Grey Matter)	<a href="#">McIntosh et al., 2010</a>	N/A	Brain (Grey Matter)
Thymus	N/A	Lymphnode and Fat	Lymphnode and Fat	Lymphnode and Fat	<a href="#">Gabriel et al., 1996</a>
Thyroid Gland	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Williams and Leggett, 1986</a>	<a href="#">Gabriel et al., 1996</a>
Tongue	Muscle	Muscle	Muscle	<a href="#">Nakase et al., 2004</a>	<a href="#">Gabriel et al., 1996</a>
Tooth	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	None	Bone (Cortical)
Tooth (Dentine)	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	None	Bone (Cortical)
Tooth (Enamel)	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	None	Bone (Cortical)
Trachea	<a href="#">Duck, 1990</a>	Cartilage	Cartilage	Cartilage	<a href="#">Gabriel et al., 1996</a>
Trachea Lumen	Air	Air	Air	None	Air
Ureter/Urethra	Blood Vessel Wall	Blood Vessel Wall	Blood Vessel Wall	<a href="#">John et al., 2002</a>	Blood Vessel Wall
Urinary Bladder Wall	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">Bernardi et al., 2003</a> <a href="#">McIntosh and Anderson, 2010</a> <a href="#">Van Den Berg et al., 1983</a>	<a href="#">Bernardi et al., 2003</a> <a href="#">Bowman et al., 1975</a> <a href="#">McIntosh and Anderson, 2010</a> <a href="#">Van Den Berg et al., 1983</a>	<a href="#">Williams and Leggett, 1986</a>	<a href="#">Gabriel et al., 1996</a>
Urine	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Wein, Urology, Vol. 10</a>	Water	<a href="#">McIntosh and Anderson, 2010</a>	None	<a href="#">Peyman et al., 2012</a>
Uterus	<a href="#">Duck, 1990</a> <a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a>	<a href="#">McIntosh and Anderson, 2010</a> <a href="#">Olsrud et al., 1998</a>	N/A	<a href="#">Gabriel et al., 1996</a>
Vagina	Large Intestine	Large Intestine	Large Intestine	<a href="#">Wagner et al., 1980</a>	Large Intestine
Vertebrae	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)	Bone (Cortical)
Water	<a href="#">Kell, 1975</a>	<a href="#">Vaxasoftware</a>	<a href="#">Engineering Toolbox</a> <a href="#">Hyperphysics</a>	None	Not in Database

**N/A:** A value exists in the database for a certain tissue parameter but its reference is no longer traceable, **None:** The property is not existent for the tissue in question, **Not in Database:** Values for that property are not yet included in the material properties database.