

Billie Model Tissue Properties

Tissue	Conductivity	Relative permittivity
Small Intes	0.163536	12812.49
Eye (Corne	0.62	8933.065
Heart Musc	0.385354	7971.673
Muscle	0.461008	7395.663
Stomach Li	0.461008	7395.663
Large Intes	0.461008	7395.663
Small Intes	0.461008	7395.663
Mucous Mi	0.461008	7395.663
Diaphragm	0.461008	7395.663
Kidney (Co	0.341518	6604.685
Kidney (Me	0.341518	6604.685
Liver	0.185038	6483.722
Blood	0.66246	5060.32
Heart Lume	0.66246	5060.32
Tongue	0.461008	4509.188
Eye (Sclera	0.62	4508.991
Spinal Cord	0.610954	4014.611
Nerve	0.347954	4014.611
Spleen	0.220522	3862.941
Large Intes	0.163536	3463.229
Vagina	0.163536	3463.229
Hypophysis	1.051624	3086.705
Pancreas	0.144935	3086.705
Pineal Bod	0.0674	3086.705
Thyroid Gl	0.0674	3086.705
Bronchi	0.557625	2938.329
Trachea	0.341987	2938.329
Cerebellum	0.576612	2923.358
Pons	0.558392	2923.358
Medulla Ob	0.357	2923.358
Midbrain	0.35	2923.358
Uterus	0.390842	2842.461
Stomach	0.163536	2671.398
Esophagus	0.163536	2671.398
Thalamus	0.475	2630.312
Hippocamp	0.419055	2630.312
Brain (Grey	0.419055	2630.312
Hypothalar	0.419055	2630.312
Cartilage	0.73926	2498.506
Larynx	0.73926	2498.506
Meniscus	0.73926	2498.506
Lung	0.101413	2134.329
Brain (Whit	0.347954	1711.878
Commissur	0.347954	1711.878
Commissur	0.347954	1711.878
Ovary	0.366067	1644.753

Skin	0.148297	1114.359
Urinary Bla	0.314671	1047.561
Ureter\\Ur	0.231972	747.9283
Bone (Canc	0.08046	432.1867
Tendon\\Li	0.367577	390.1347
Dura	0.06	308.4724
Tooth	0.006302	216.859
Bone (Corti	0.006302	216.859
Eye (Lens)	0.345333	184.3357
Bone Marri	0.619778	154.3924
Bile	1.4619	119.9999
Cerebrospi	1.879	108.9997
Gallbladder	0.314671	105.4834
Eye (Vitreo	2.164857	97.54965
Lymphnode	0.220522	91.70121
Salivary Gl	0.5586	88.54698
SAT (Subcu	0.077621	87.19101
Fat	0.077621	87.19101
Adrenal Gl	0.4811	72.43808
Thymus	0.149072	62.96853
Interverteb	0.73926	59.37187
Breast Fat	0.022232	58.70633
Urine	2.441204	49.95
Bronchi lun	0	1
Esophagus	0	1
Trachea lur	0	1

Duke Model Tissue Properties

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Small Intes	0.163536	12812.49
Eye (Corne	0.62	8933.065
Heart Musc	0.385354	7971.673
Muscle	0.461008	7395.663
Small Intes	0.461008	7395.663
Stomach Li	0.461008	7395.663
Large Intes	0.461008	7395.663
Diaphragm	0.461008	7395.663
Mucous Me	0.461008	7395.663
Kidney (Me	0.341518	6604.685
Kidney (Co	0.341518	6604.685
Liver	0.185038	6483.722
Prostate	0.5586	5465.843
Seminal ve	0.439431	5465.843
Epididymis	0.366067	5465.843
Testis	0.366067	5465.843
Blood	0.66246	5060.32
Heart Lum	0.66246	5060.32
Tongue	0.461008	4509.188
Eye (Sclera	0.62	4508.991
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Thyroid Gl	0.0674	3086.705
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Bronchi	0.557625	2938.329
Trachea	0.341987	2938.329
Cerebellum	0.576612	2923.358
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Esophagus	0.163536	2671.398
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Lymphnode	0.220522	91.70121
Salivary Gl	0.5586	88.54698
Fat	0.077621	87.19101
SAT (Subcu	0.077621	87.19101
Adrenal Gl	0.4811	72.43808
Interverteb	0.73926	59.37187
Urine	2.441204	49.95
Bronchi lun	0	1
Esophagus	0	1
Trachea lur	0	1

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Larynx	0.73926	2498.506
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Interverteb	0.73926	59.37187
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Bronchi lun	0	1
Esophagus	0	1
Trachea lur	0	1

Fats Model Tissue Properties

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Eye (Corne	0.62	8933.065
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Muscle	0.461008	7395.663
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Small Intes	0.461008	7395.663
Large Intes	0.461008	7395.663
Diaphragm	0.461008	7395.663
Kidney (Co	0.341518	6604.685
Kidney (Me	0.341518	6604.685
Liver	0.185038	6483.722
Prostate	0.5586	5465.843
Seminal ve	0.439431	5465.843
Testis	0.366067	5465.843
Epididymis	0.366067	5465.843
Blood	0.66246	5060.32
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Cerebellum	0.576612	2923.358
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Stomach	0.163536	2671.398
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Thalamus	0.475	2630.312
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Hypothalar	0.419055	2630.312
Brain (Grey	0.419055	2630.312
Meniscus	0.73926	2498.506
Cartilage	0.73926	2498.506
Larynx	0.73926	2498.506
Lung	0.101413	2134.329
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Skin	0.148297	1114.359
Urinary Bla	0.314671	1047.561
Penis	0.231972	747.9283
Ureter\\Ur	0.231972	747.9283
Ductus Def	0.231972	747.9283
Skull Cance	0.09975	432.1867
Bone (Canc	0.08046	432.1867
Tendon\\Li	0.367577	390.1347
Dura	0.06	308.4724
Skull Cortic	0.006447	216.859
Tooth	0.006302	216.859
Bone (Corti	0.006302	216.859
Eye (Lens)	0.345333	184.3357
Bile	1.4619	119.9999
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Gallbladder	0.314671	105.4834
Eye (Vitreo	2.164857	97.54965
Bone Marri	0.17979	92.37493
Lymphnode	0.220522	91.70121
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SAT (Subcu	0.077621	87.19101
Fat	0.077621	87.19101
Adrenal Gl	0.4811	72.43808
Interverteb	0.73926	59.37187
Urine	2.441204	49.95
Bronchi lun	0	1
Esophagus	0	1
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Fats BMI 29 Model Tissue Properties

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Spinal Cord	0.610954	4014.611
Nerve	0.347954	4014.611
Spleen	0.220522	3862.941
Large Intes	0.163536	3463.229
Hypophysis	1.051624	3086.705
Pancreas	0.144935	3086.705
Thyroid Gla	0.0674	3086.705
Pineal Body	0.0674	3086.705
Bronchi	0.557625	2938.329
Trachea	0.341987	2938.329
Cerebellum	0.576612	2923.358
Pons	0.558392	2923.358
Medulla Ob	0.357	2923.358
Midbrain	0.35	2923.358
Stomach	0.163536	2671.398
Esophagus	0.163536	2671.398
Thalamus	0.475	2630.312
Hypothalar	0.419055	2630.312
Hippocamp	0.419055	2630.312
Brain (Grey	0.419055	2630.312
Meniscus	0.73926	2498.506
Larynx	0.73926	2498.506
Cartilage	0.73926	2498.506
Lung	0.101413	2134.329
Commissur	0.347954	1711.878
Commissur	0.347954	1711.878

Brain (Whit	0.347954	1711.878
Skin	0.148297	1114.359
Urinary Bla	0.314671	1047.561
Ureter\\Ur	0.231972	747.9283
Penis	0.231972	747.9283
Ductus Def	0.231972	747.9283
Bone (Canc	0.08046	432.1867
Tendon\\Li	0.367577	390.1347
Dura	0.06	308.4724
Bone (Corti	0.006302	216.859
Eye (Lens)	0.345333	184.3357
Bile	1.4619	119.9999
Cerebrospi	1.879	108.9997
Gallbladder	0.314671	105.4834
Eye (Vitreo	2.164857	97.54965
Bone Marri	0.17979	92.37493
Lymphnode	0.220522	91.70121
Salivary Gl	0.5586	88.54698
SAT (Subcu	0.077621	87.19101
Fat	0.077621	87.19101
Adrenal Gl	0.4811	72.43808
Interverteb	0.73926	59.37187
Urine	2.441204	49.95
Bronchi lun	0	1
Esophagus	0	1
Trachea lur	0	1

Jeduk Model Tissue Properties

Tissue	Conductivity	Relative permittivity
Small Intes	0.163536	12812.49
Eye (Corne	0.62	8933.065
Heart Musc	0.385354	7971.673
Large Intes	0.461008	7395.663
Small Intes	0.461008	7395.663
Diaphragm	0.461008	7395.663
Stomach Li	0.461008	7395.663
Mucous Mi	0.461008	7395.663
Muscle	0.461008	7395.663
Kidney (Co	0.341518	6604.685
Kidney (Me	0.341518	6604.685
Liver	0.185038	6483.722
Prostate	0.5586	5465.843
Seminal ve	0.439431	5465.843
Testis	0.366067	5465.843
Epididymis	0.366067	5465.843
Blood	0.66246	5060.32
Heart Lume	0.66246	5060.32
Tongue	0.461008	4509.188
Eye (Sclera	0.62	4508.991
Nerve	0.347954	4014.611
Spleen	0.220522	3862.941
Large Intes	0.163536	3463.229
Hypophysis	1.051624	3086.705
Pancreas	0.144935	3086.705
Thyroid Glā	0.0674	3086.705
Pineal Body	0.0674	3086.705
Bronchi	0.557625	2938.329
Trachea	0.341987	2938.329
Cerebellum	0.576612	2923.358
Pons	0.558392	2923.358
Medulla Ob	0.357	2923.358
Midbrain	0.35	2923.358
Esophagus	0.163536	2671.398
Stomach	0.163536	2671.398
Thalamus	0.475	2630.312
Hypothalar	0.419055	2630.312
Brain (Grey	0.419055	2630.312
Hippocamp	0.419055	2630.312
Larynx	0.73926	2498.506
Cartilage	0.73926	2498.506
Meniscus	0.73926	2498.506
Lung	0.101413	2134.329
Commissur	0.347954	1711.878
Commissur	0.347954	1711.878
Brain (Whit	0.347954	1711.878

Skin	0.148297	1114.359
Urinary Bla	0.314671	1047.561
Penis	0.231972	747.9283
Ductus Def	0.231972	747.9283
Ureter\\Ur	0.231972	747.9283
Bone (Canc	0.08046	432.1867
Tendon\\Li	0.367577	390.1347
Dura	0.06	308.4724
Tooth	0.006302	216.859
Bone (Corti	0.006302	216.859
Eye (Lens)	0.345333	184.3357
Bile	1.4619	119.9999
Cerebrospi	1.879	108.9997
Gallbladder	0.314671	105.4834
Eye (Vitreo	2.164857	97.54965
Bone Marri	0.17979	92.37493
Lymphnode	0.220522	91.70121
Salivary Gl	0.5586	88.54698
Fat	0.077621	87.19101
SAT (Subcu	0.077621	87.19101
Adrenal Gl	0.4811	72.43808
Interverteb	0.73926	59.37187
Urine	2.441204	49.95
Bronchi lun	0	1
Esophagus	0	1
Trachea lur	0	1

Yoonsun Model Tissue Properties

Tissue	Conductivity	Relative permittivity
Small Intes	0.163536	12812.49
Eye (Corne	0.62	8933.065
Heart Musc	0.385354	7971.673
Mucous Me	0.461008	7395.663
Stomach Li	0.461008	7395.663
Muscle	0.461008	7395.663
Large Intes	0.461008	7395.663
Small Intes	0.461008	7395.663
Diaphragm	0.461008	7395.663
Kidney (Me	0.341518	6604.685
Kidney (Co	0.341518	6604.685
Liver	0.185038	6483.722
Blood	0.66246	5060.32
Heart Lume	0.66246	5060.32
Tongue	0.461008	4509.188
Eye (Sclera	0.62	4508.991
Nerve	0.347954	4014.611
Spleen	0.220522	3862.941
Large Intes	0.163536	3463.229
Vagina	0.163536	3463.229
Hypophysis	1.051624	3086.705
Pancreas	0.144935	3086.705
Thyroid Glā	0.0674	3086.705
Pineal Bod\	0.0674	3086.705
Bronchi	0.557625	2938.329
Trachea	0.341987	2938.329
Cerebellum	0.576612	2923.358
Pons	0.558392	2923.358
Medulla Ok	0.357	2923.358
Midbrain	0.35	2923.358
Uterus	0.390842	2842.461
Stomach	0.163536	2671.398
Esophagus	0.163536	2671.398
Thalamus	0.475	2630.312
Brain (Grey	0.419055	2630.312
Hypothalar	0.419055	2630.312
Hippocamp	0.419055	2630.312
Larynx	0.73926	2498.506
Meniscus	0.73926	2498.506
Cartilage	0.73926	2498.506
Lung	0.101413	2134.329
Brain (Whit	0.347954	1711.878
Commissur	0.347954	1711.878
Commissur	0.347954	1711.878
Ovary	0.366067	1644.753
Skin	0.148297	1114.359

Urinary Bla	0.314671	1047.561
Ureter\\Ur	0.231972	747.9283
Bone (Canc	0.08046	432.1867
Tendon\\Li	0.367577	390.1347
Dura	0.06	308.4724
Tooth	0.006302	216.859
Bone (Corti	0.006302	216.859
Eye (Lens)	0.345333	184.3357
Bile	1.4619	119.9999
Cerebrospi	1.879	108.9997
Gallbladder	0.314671	105.4834
Eye (Vitreo	2.164857	97.54965
Bone Marr	0.17979	92.37493
Lymphnode	0.220522	91.70121
Salivary Gl	0.5586	88.54698
Fat	0.077621	87.19101
SAT (Subcu	0.077621	87.19101
Adrenal Gl	0.4811	72.43808
Interverteb	0.73926	59.37187
Breast Fat	0.022232	58.70633
Urine	2.441204	49.95
Bronchi lun	0	1
Esophagus	0	1
Trachea lur	0	1