

Action potential models for CESE Plus

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1 Enhanced Simucore model library for CESE Plus

All enhanced Simucore models are designed to work only with CESE Plus version 2.0 or above.

Note:

These models are incompatible with CESE OSS.

1.1 Ventricular and Purkinje Fibres

Model #	Model System	Based Upon	Price
0203031	Human Ventricular TP06-ESM	ten Tusscher-Panfilov, 2006	USD\$150.00 Add to order
0203034	Guinea Pig Ventricular IKsWT-SR05-ESM [new!]	Silva-Rudy, 2005 - guinea pig IKs wild type	USD\$150.00 Add to order
0203035	Human Ventricular IKsWT-SR05-ESM [new!]	Silva-Rudy, 2005 - human IKs wild type	USD\$150.00 Add to order
0203032	Canine Ventricular HR04-ESM	Hund-Rudy, 2004	USD\$150.00 Add to order
0203028	Human Ventricular TNNP04-ESM	ten Tusscher, Noble, Panfilov, 2004	USD\$150.00 Add to order
0203030	Human Ventricular BWZVP02-ESM	Bernus, 2002	USD\$150.00 Add to order
0203033	Canine Ventricular FMG02-ESM	Fox, McHarg, Gilmour, 2002	USD\$150.00 Add to order
0203026	Guinea Pig Ventricular IKrWT-CR01-ESM	Clancy-Rudy, 2001 - IKr wild type	USD\$150.00 Add to order
0203025	Rabbit Ventricular PB01-ESM	Puglisi-Bers, 2001	USD\$150.00 Add to order
0203024	Guinea Pig Ventricular FR00-ESM	Faber-Rudy, 2000	USD\$150.00 Add to order
0203027	Guinea Pig Ventricular INaWT-CR99-ESM	Clancy-Rudy, 1999 - INa wild type	USD\$150.00 Add to order
0203029	Human Ventricular PB98-ESM	Priebe-Beuckelmann, 1998	USD\$150.00 Add to order

1.2 Atrial and SA Node

Model #	Model System	Based Upon	Price
0202014	Human Atrial NFFCLCG98-ESM	Nygren, Fiset, Firek, Clark, Lindblad, Clark and Giles, 1998	USD\$150.00 Add to order
0202013	Canine Atrial KRCCN02-ESM	Kneller, Ramirez, Chartier, Courtemanche, Nattel, 2002	USD\$150.00 Add to order
0202011	Canine Atrial RNC00-ESM	Ramirez, Nattel, Courtemanche, 2000	USD\$150.00 Add to order
0202012	Human Atrial CRN98-ESM	Courtemanche, Ramirez, Nattel, 1998	USD\$150.00 Add to order

1.3 Skeletal Muscle

Model #	Model System	Based Upon	Price
0301010	Frog Striated Muscle ACH70-ESM [new!]	Adrian, Chandler, Hodgkin, 1970	USD\$150.00 Add to order

1.4 Neuronal

Model #	Model System	Based Upon	Price
0102010	Salamandra Retina Ganglion FM97-ESM [new!]	Fohlmeister-Miller, 1997	USD\$150.00 Add to order

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Please [contact us](#) if you are interested in models that are not currently available above - we may be able to help.