

Action potential models for open source CESE (CESE OSS)

Table of contents

| | |
|--------------------------------------------|---|
| 1 Simucore model library for CESE OSS..... | 2 |
| 1.1 Ventricular and Purkinje Fibres..... | 2 |
| 1.2 Atrial and SA Node..... | 2 |

1 Simucore model library for CESE OSS

All models are designed for CESE OSS version 1.4 or above.

1.1 Ventricular and Purkinje Fibres

| Model # | Model System | Based Upon | Price |
|---------|------------------------------------------------------|---------------------------------------------------|---------------------------------------------|
| 0203011 | Human Ventricular TP06-SM | ten Tusscher-Panfilov, 2006 | USD\$650.00 Add to order |
| 0203012 | Canine Ventricular HR04-SM | Hund-Rudy, 2004 | USD\$650.00 Add to order |
| 0203008 | Human Ventricular TNNP04-SM | ten Tusscher, Noble, Panfilov, 2004 | USD\$650.00 Add to order |
| 0203010 | Human Ventricular BWZVP02-SM | Bernus, Wilder, Zemlin, Vershelde, Panfilov, 2002 | USD\$650.00 Add to order |
| 0203013 | Canine Ventricular FMG02-SM | Fox, McHarg, Gilmour, 2002 | USD\$650.00 Add to order |
| 0203006 | Guinea Pig Ventricular IKrWT-CR01-SM | Clancy-Rudy, 2001 - IKr wild type | USD\$650.00 Add to order |
| 0203005 | Rabbit Ventricular PB01-SM | Puglisi-Bers, 2001 | USD\$650.00 Add to order |
| 0203004 | Guinea Pig Ventricular FR00-SM | Faber-Rudy, 2000 | USD\$650.00 Add to order |
| 0203007 | Guinea Pig Ventricular INaWT-CR99-SM | Clancy-Rudy, 1999 - INa wild type | USD\$650.00 Add to order |
| 0203009 | Human Ventricular PB98-SM | Priebe-Beuckelmann, 1998 | USD\$650.00 Add to order |

1.2 Atrial and SA Node

| Model # | Model System | Based Upon | Price |
|---------|------------------------------------------|--------------------------------------------------------|---------------------------------------------|
| 0202003 | Canine Atrial KRCCN02-SM | Kneller, Ramirez, Chartier, Courtemanche, Nattel, 2002 | USD\$650.00 Add to order |
| 0202001 | Canine Atrial RNC00-SM | Ramirez, Nattel, Courtemanche, 2000 | USD\$650.00 Add to order |

| Model # | Model System | Based Upon | Price |
|---------|---------------------------------------|-------------------------------------|---------------------------------------------|
| 0202002 | Human Atrial CRN98-SM | Courtemanche, Ramirez, Nattel, 1998 | USD\$650.00 Add to order |

All licenses are for a non-transferable single licensed user, single concurrent seat. If you are a faculty member, staff, student, or researcher at an academic institution, and will be running model(s) on an institution-owned machine, we may be able to offer an academic license at discount. Please [contact us](#) for further information.

Please take a look at our [sales terms and conditions](#).

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