

**Part III.**  
**California Department of Public Health**  
**Compendium of U. S. Licensed Animal Rabies Vaccines - 2012,**  
**and Their Application in Animals Under the California Rabies Control Program**

Approved canine vaccines must be administered to dogs according to the manufacturers' recommendations either intramuscularly (IM) or subcutaneously (SC). Administration via other routes may reduce effectiveness or be unsafe. For species other than dogs, refer to the vaccine label.

**A) MONOVALENT – INACTIVATED**

| Product   | Licensed and Labeled For Use In | Approved for Use in Dogs in California? | Dosage | Route of Administration      | Minimum Age at Primary Vaccination | Booster Recommendation            |
|---|---------------------------------|---|--------|------------------------------|------------------------------------|-----------------------------------|
| DEFENSOR 1<br><br>Product by:<br>Zoetis<br>License No.<br>190<br>Marketed by:<br>Zoetis                     | Dogs<br>Cats                    | <b>No</b>                               | 1 ml   | SC (cats)                    | 3 months                           | Annually                          |
| DEFENSOR 3<br>DEFENSOR 3<br>CA<br><br>Product by:<br>Zoetis<br>License No.<br>190<br>Marketed by:<br>Zoetis | Dogs<br>Cats                    | <b>Yes</b>                              | 1 ml   | IM or SC (dogs)<br>SC (cats) | 3 Months                           | 1 year later, then<br>triennially |
| DEFENSOR 3<br>DEFENSOR 3<br>CA<br><br>Product by:<br>Zoetis<br>License No.<br>190<br>Marketed by:<br>Zoetis | Sheep<br>Cattle                 | N/A                                     | 2 ml   | IM                           | 3 Months                           | Annually                          |

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 – continued –

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|--|---------------------------------|---|--------|------------------------------|------------------------------------|-----------------------------------|
| NOBIVAC 1<br><br>Produced by:<br>Merck Animal Health<br>License No.<br>190<br>Marketed by:<br>Intervet Inc.                    | Dogs<br>Cats                    | <b>No</b>                               | 1 ml   | SC (cats)                    | 3 Months                           | Annually                          |
| NOBIVAC 3<br>NOBIVAC 3<br>CA<br><br>Produced by:<br>Merck Animal Health<br>License No.<br>190<br>Marketed by:<br>Intervet Inc. | Dogs<br>Cats                    | <b>Yes</b>                              | 1 ml   | IM or SC (dogs)<br>SC (cats) | 3 Months                           | 1 year later, then<br>triennially |
| NOBIVAC 3<br>NOBIVAC 3<br>CA<br><br>Produced by:<br>Merck Animal Health<br>License No.<br>190<br>Marketed by:<br>Intervet Inc. | Sheep<br>Cattle                 | N/A                                     | 2 ml   | IM                           | 3 Months                           | Annually                          |
| EQUI-RAB<br><br>Produced by:<br>Merck Animal Health<br>License No.<br>165A<br>Marketed by:<br>Intervet Inc.                    | Horses                          | N/A                                     | 1 ml   | IM                           | 4 Months                           | Annually                          |

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 – continued –

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|---|---------------------------------|---|--------|---------------------------------------|------------------------------------|--------------------------------|
| RABVAC 1<br><br>Produced by:<br>Elanco<br>License No.<br>196<br>Marketed by:<br>Elanco          | Dogs<br>Cats                    | <b>No</b>                               | 1 ml   | IM or SC (cats)                       | 3 Months                           | Annually                       |
| RABVAC 3<br><br>Produced by:<br>Elanco<br>License No.<br>196<br>Marketed by:<br>Elanco          | Dogs<br>Cats                    | <b>Yes</b>                              | 1 ml   | IM or SC                              | 3 Months                           | 1 year later, then triennially |
| RABVAC 3<br><br>Produced by:<br>Elanco<br>License No.<br>196<br>Marketed by:<br>Elanco          | Horses                          | N/A                                     | 2 ml   | IM                                    | 3 Months                           | Annually                       |
| IMRAB 3<br><br>Produced by:<br>Merial Inc.<br>License No.<br>298<br>Marketed by:<br>Merial Inc. | Dogs<br>Cats<br>Ferrets         | <b>Yes</b>                              | 1 ml   | IM or SC (dogs, cats)<br>SC (ferrets) | 12 weeks                           | 1 year later, then triennially |
| IMRAB 3<br><br>Produced by:<br>Merial Inc.<br>License No.<br>298<br>Marketed by:<br>Merial Inc. | Sheep<br>Cattle<br>Horses       | N/A                                     | 2 ml   | IM or SC                              | 12 Weeks                           | 1 year later, then triennially |

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 – continued –

| <b>Product</b>   | <b>Licensed and Labeled For Use In</b> | <b>Approved for Use in Dogs in California?</b> | <b>Dosage</b> | <b>Route of Administration</b> | <b>Minimum Age at Primary Vaccination</b> | <b>Booster Recommendation</b>  |
|--|--|--|---------------|--------------------------------|---|--------------------------------|
| IMRAB 3 TF<br><br>Produced by:<br>Merial Inc.<br>License No.<br>298<br>Marketed by:<br>Merial Inc.         | Dogs<br>Cats                           | Yes  | 1 ml          | IM or SC                       | 12 weeks                                  | 1 year later, then triennially |
| IMRAB 3 TF<br><br>Produced by:<br>Merial Inc.<br>License No.<br>298<br>Marketed by:<br>Merial Inc.         | Ferrets                                | N/A  | 1 ml          | SC                             | 12 Weeks                                  | Annually                       |
| IMRAB Large Animal<br><br>Produced by:<br>Merial Inc.<br>License No.<br>298<br>Marketed by:<br>Merial Inc. | Horses<br>Cattle                       | N/A  | 2 ml          | IM or SC                       | 3 Months                                  | Annually                       |
| IMRAB Large Animal<br><br>Produced by:<br>Merial Inc.<br>License No.<br>298<br>Marketed by:<br>Merial Inc. | Sheep                                  | N/A  | 2 ml          | IM or SC                       | 3 Months                                  | 1 year later, then triennially |

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 – continued –

| Product  | Licensed and Labeled For Use In | Approved for Use in Dogs in California? | Dosage | Route of Administration | Minimum Age at Primary Vaccination | Booster Recommendation |
|--|---------------------------------|---|--------|-------------------------|------------------------------------|------------------------|
| IMRAB 1<br><br>Produced by:<br>Merial Inc.<br>License No.<br>298<br>Marketed by:<br>Merial Inc.    | Dogs<br>Cats                    | <u>No</u>                               | 1 ml   | SC (cats)               | 12 Weeks                           | Annually               |
| IMRAB 1 TF<br><br>Produced by:<br>Merial Inc.<br>License No.<br>298<br>Marketed by:<br>Merial Inc. | Dogs<br>Cats                    | <u>No</u>                               | 1 ml   | SC (cats)               | 12 Weeks                           | Annually               |

**B) MONOVALENT- RABIES GLYCOPROTEIN, LIVE CANARY POX VECTOR**

| Product  | Licensed and Labeled For Use In | Approved for Use in Dogs in California? | Dosage | Route of Administration | Minimum Age at Primary Vaccination | Booster Recommendation |
|--|---------------------------------|---|--------|-------------------------|------------------------------------|------------------------|
| PUREVAX<br>Feline Rabies<br><br>Produced by:<br>Merial Inc.<br>License No.<br>298<br>Marketed by:<br>Merial Inc. | Cats                            | N/A                                     | 1 ml   | SC                      | 12 weeks                           | Annually               |

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 – continued –

**C) COMBINATION - INACTIVATED RABIES**

| Product   | Licensed and Labeled For Use In | Approved for Use in Dogs in California? | Dosage | Route of Administration | Minimum Age at Primary Vaccination | Booster Recommendation |
|---|---------------------------------|---|--------|-------------------------|------------------------------------|------------------------|
| EQUINE POTOMAVAC + IMRAB<br><br>Produced by:<br>Merial Inc.<br>License No. 298<br>Marketed by:<br>Merial Inc. | Horses                          | N/A                                     | 1 ml   | IM                      | 3 months                           | Annually               |

**D) COMBINATION – RABIES GLYCOPROTEIN, LIVE CANARY POX VECTOR**

| Product   | Licensed and Labeled For Use In | Approved for Use in Dogs in California? | Dosage | Route of Administration | Minimum Age at Primary Vaccination | Booster Recommendation         |
|---|---------------------------------|---|--------|-------------------------|------------------------------------|--------------------------------|
| PUREVAX FELINE 3/ RABIES<br><br>Produced by:<br>Merial Inc.<br>License No. 298<br>Marketed by:<br>Merial Inc. | Cats                            | N/A                                     | 1 ml   | SC                      | 8 weeks                            | 3-4 weeks later, then annually |
| PUREVAX FELINE 4/ RABIES<br><br>Produced by:<br>Merial Inc.<br>License No. 298<br>Marketed by:<br>Merial Inc. | Cats                            | N/A                                     | 1 ml   | SC                      | 8 weeks                            | 3-4 weeks later, then annually |

Adapted from the Compendium of Animal Rabies Prevention and Control, 2011,  
 National Association of State Public Health Veterinarians, Incorporated  
 Rev. 10/15/13, 12/31/13, 4/25/17, 3/14/19, 9/1/20