

# Rabies Post-Exposure Prophylaxis for Hospitals

**Please complete this form and fax to 519-539-5059**

Reporting Hospital: \_\_\_\_\_

Ordering Physician: \_\_\_\_\_  
(Full name required)

Patient Name: \_\_\_\_\_



Patient Date of Birth: \_\_\_\_\_ Patient Weight (kg): \_\_\_\_\_  
(mandatory field)

**Rabies Immune Globulin (Rablg) \***

Rablg **must** be calculated\* for each client. The recommended dose is 20 IU/kg body weight for all age groups, given on the first day of initiation of therapy. Immune globulin is supplied in 150 IU/ml (2 ml) or 300 IU/ml (1 ml) vials. Check the vial label carefully when calculating the dosage (see reverse).

Examples for a client weighing 125 kg

- 300 IU/ml formulation of Rablg in 1 ml vials is calculated as follows:  
(20 IU/kg x 125 kg ÷ 300 IU/ml = **8.3 ml**)
- 150 IU/ml formulation of Rablg in 2 ml vials is calculated as follows:  
(20 IU/kg x 125 kg ÷ 150 IU/ml = **16.7 ml**)

Please select one:  300 IU/ml or  150 IU/ml

Day 0: \_\_\_\_\_ volume of Rablg in ml administered: \_\_\_\_\_  
(date given)

Rablg Lot # \_\_\_\_\_ Expiry Date: \_\_\_\_\_

**Rabies Vaccine \*\* (Full Lot #'s required)**

Day 0: \_\_\_\_\_ Lot # \_\_\_\_\_ Expiry Date: \_\_\_\_\_  
(date)

Day 3: \_\_\_\_\_ Lot # \_\_\_\_\_ Expiry Date: \_\_\_\_\_  
(date)

Day 7: \_\_\_\_\_ Lot # \_\_\_\_\_ Expiry Date: \_\_\_\_\_  
(date)

Day 14: \_\_\_\_\_ Lot # \_\_\_\_\_ Expiry Date: \_\_\_\_\_  
(date)

For previously **unimmunized immunocompromised** persons (including those taking corticosteroids, chloroquine or other antimalarials) receive a 5th dose of vaccine.

Day 28: \_\_\_\_\_ Lot # \_\_\_\_\_ Expiry Date: \_\_\_\_\_  
(date)

**NOTE**

\* If anatomically feasible, the full dose of **Rabies Immune Globulin** should be thoroughly infiltrated into the wound and surrounding area. Any remaining volume should be injected intramuscularly using a separate syringe at a site distant from administration of rabies vaccine, unless directed differently from your Public Health Department.

\*\* To get the best antibody response for those ≥ one year, **Rabies Vaccine** should be given intramuscularly into the deltoid muscle. Infants less than one year, the vastus lateralis muscle (anterolateral thigh) is the preferred site. **DO NOT** give subcutaneously, and **NEVER** in the gluteal muscle.

## 2020 Changes to Formulations of Rablg Available in Ontario

As of March 2020, Rablg may be supplied in 1 ml vials containing 300 IU/ml or 2 ml vials containing 150 IU/ml.

Ensure that the appropriate formula specific to the Rablg formulation being provided to the physician is used to calculate the dose required for the individual to receive Rablg and use **Table 1** to determine how many vials to dispense.

**Note that while the dose in mL to be administered will be different depending on which formulation of Rablg is being used, the number of vials to be dispensed will be the same.**

### **For 150 IU/mL Rablg in 2 ml vials:**

- $20 \text{ IU/kg} \times (\text{client wt in kg}) \div 150 \text{ IU/mL} = \text{dose in mL}$   
 $\text{dose in mL} \div 2 \text{ mL/vial} = \# \text{ of vials to order}$
- $9.09 \text{ IU/lb} \times (\text{client wt in lb}) \div 150 \text{ IU/mL} = \text{dose in mL}$   
 $\text{dose in mL} \div 2 \text{ mL/vial} = \# \text{ of vials to order}$

### **For 300 IU/mL Rablg in 1 ml vials:**

- $20 \text{ IU/kg} \times (\text{client wt in kg}) \div 300 \text{ IU/mL} = \text{dose in mL}$   
 $\text{dose in mL} \div 1 \text{ mL/vial} = \# \text{ of vials to order}$
- $9.09 \text{ IU/lb} \times (\text{client wt in lb}) \div 300 \text{ IU/mL} = \text{dose in mL}$   
 $\text{dose in mL} \div 1 \text{ mL/vial} = \# \text{ of vials to order}$

**Table 1: Number of Vials of Rablg to Dispense per Total Body Weight of Client**

<i>Total Weight</i>		<i># of Vials</i>	<i>Total Weight</i>		<i># of Vials</i>
≤33 lbs	≤ 15 Kg	<b>1</b>	>165 – 198 lbs	>75 – 90 Kg	<b>6</b>
>33 – 66 lbs	>15 – 30 Kg	<b>2</b>	>198 – 231 lbs	>90 – 105 Kg	<b>7</b>
>66 – 99 lbs	>30 – 45 Kg	<b>3</b>	>231 – 264 lbs	>105 – 120 Kg	<b>8</b>
>99– 132 lbs	>45 – 60 Kg	<b>4</b>	>264 – 297 lbs	>120 – 135 Kg	<b>9</b>
>132 – 165lbs	>60 – 75 Kg	<b>5</b>	>297 – 330 lbs	>135 – 150 Kg	<b>10</b>

Note that the amount of Rablg administered may include administration of only a portion of one of the vials dispensed. For example, when a patient requires only 3.5 vials to be administered (which is 7 mls of the 150 IU/mL or 3.5 mls of the 300 IU/mL formulations), rather than 4 full vials, the remainder of the Rablg in the 4<sup>th</sup> vial should be discarded.