

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>
$\leq 33 \text{ lbs}$	$\leq 15 \text{ Kg}$	1	$>165 - 198 \text{ lbs}$	$>75 - 90 \text{ Kg}$	6
$>33 - 66 \text{ lbs}$	$>15 - 30 \text{ Kg}$	2	$>198 - 231 \text{ lbs}$	$>90 - 105 \text{ Kg}$	7
$>66 - 99 \text{ lbs}$	$>30 - 45 \text{ Kg}$	3	$>231 - 264 \text{ lbs}$	$>105 - 120 \text{ Kg}$	8
$>99 - 132 \text{ lbs}$	$>45 - 60 \text{ Kg}$	4	$>264 - 297 \text{ lbs}$	$>120 - 135 \text{ Kg}$	9
$>132 - 165 \text{ lbs}$	$>60 - 75 \text{ Kg}$	5	$>297 - 330 \text{ lbs}$	$>135 - 150 \text{ Kg}$	10

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 4th vial should be discarded.