

# QUICK GUIDE

## Preparation of casirivimab and imdevimab injection for administration via intravenous infusion

The occupational hazard of intermittent low dose exposure to casirivimab and imdevimab is not known. To minimise exposure, gloves and surgical mask should be worn when preparing this medication. Please refer to local protocol or guidelines on this matter.

The following instructions should be followed if preparing a dose of casirivimab and imdevimab for **administration via intravenous infusion**. If the medication is not being prepared for immediate use, refer to the CEC [Drug Guideline](#) for further information on appropriate storage and stability.

1. Remove both the casirivimab and imdevimab vials from refrigerated storage and allow to come to room temperature for approximately **20 minutes before** dilution.
2. Visually inspect vials to ensure no particulate matter is present or damage to the vial (discard if present).
3. Obtain a prefilled IV infusion bag [made from polyvinyl chloride (PVC) or polyolefin (PO)] containing up to 250 mL of either 0.9% sodium chloride or 5% dextrose.
4. Using aseptic technique, withdraw the appropriate volume of casirivimab and imdevimab solution from each respective vial (refer to Table 1) and inject into the prefilled infusion bag.
5. Gently mix infusion bag by inversion. **Do not shake.**

Table 1: Preparation of casirivimab and imdevimab for administration via intravenous infusion using MULTIDOSE vials.

Indication	Dose	Total volume for one dose	Volume to be withdrawn from each respective MULTIDOSE vial and injected into infusion bag* for co-administration
Treatment and post-exposure prophylaxis (initial dose)	600 mg casirivimab and 600 mg imdevimab	5 mL casirivimab + 5 mL imdevimab in an infusion bag	5 mL from one multidose vial of casirivimab 120 mg/mL + 5 mL from one multidose vial of imdevimab 120 mg/mL
Ongoing prophylaxis (repeat dose)	300 mg casirivimab and 300 mg imdevimab	2.5 mL casirivimab + 2.5 mL imdevimab in an infusion bag	2.5 mL from a multidose vial of casirivimab 120 mg/mL 2.5 mL from a multidose vial of imdevimab 120 mg/mL

Table 2: Preparation of casirivimab and imdevimab for administration via intravenous infusion using SINGLE USE vials.

Indication	Dose	Total volume for one dose	Volume to be withdrawn from each respective SINGLE USE vial and injected into infusion bag* for co-administration
Treatment and post-exposure prophylaxis (initial dose)	600 mg casirivimab and 600 mg imdevimab	5 mL casirivimab + 5 mL imdevimab in an infusion bag	2.5 mL from <b>two</b> single-use vials of casirivimab 120 mg/mL + 2.5 mL from <b>two</b> single-use vials of imdevimab 120 mg/mL
Ongoing prophylaxis (repeat dose)	300 mg casirivimab and 300 mg imdevimab	2.5 mL casirivimab + 2.5 mL imdevimab in an infusion bag	2.5 mL from a single-use vial of casirivimab 120 mg/mL 2.5 mL from a single-use vial of imdevimab 120 mg/mL