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Standard Operating Procedure EBV and KSHV infection

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EBV and KSHV infection via intraperitoneal route

1. Thaw viral stocks on ice.
2. Adjust volume of planned viral dose to 100 μ l with cold PBS. 10^4 - 10^6 Raji infectious units (RIU) of EBV and 10^4 - 10^6 KSHV DNA equivalents will be used per infection.
3. Prepare 0.5ml insulin syringes for injection.
4. Fix animals by grabbing in the neck and pulling back the fur.
5. Inject animal with 100 μ l of virus on either side of the abdominal cavity

EBV and KSHV infection via intravenous route

1. Thaw viral stocks on ice.
2. Adjust volume of planned viral dose to 10 μ l with cold PBS. 10^4 - 10^6 Raji infectious units (RIU) of EBV and 10^4 - 10^6 KSHV DNA equivalents will be used per infection.
3. Prepare 1 ml syringe with 27G needles for injection. Avoid bubbles!!
4. Warm the mouse and place it in a restraining tube.
5. Wipe tail with alcohol pad
6. Inject 10 μ l of virus carefully i.v.
7. Stop bleeding with gauze pad