

## The Method of Blood sample collection from **rat** for Incretin measurement at IBL

### <Collect blood sample from tail vein>

1. Add 5 $\mu$ L 0.5M EDTA-2Na, 5 $\mu$ L aprotinin solution and 5 $\mu$ L DPP4 inhibitor in 1.5mL tube.
2. Collecting blood under anesthetizing and add and mix 0.5mL the obtained whole blood sample in the prepared tube in No.1. (The tube should be used on ice.)
3. Centrifuge the mixed sample at 1200 xg at 4°C for 20 minutes and collect the supernatant (plasma).
4. The sample should be stored at -80°C if the sample is not immediately measured after the collection.
5. Measuring the sample following by the datasheet of IBL ELISA. The sample should be handled at low temperature during the assay as well.

#### **【Recommended Reagents】**

a) DPP4 inhibitor (Millipore, DPP4)

b) Aprotinin from bovine lung lyophilized powder, 3-8 TIU/mg solid  
(SIGMA, A1153)

Preparing aprotinin solution (10mg/mL) using deionized water.