

### **Animal care and use statement**

The animal protocol in the study “The effect of *Clostridium perfringens* enterotoxin on gastric cancer cells SGC7901 which highly expressed Claudin-4 protein” was designed to minimize pain or discomfort to the animals. The animals were acclimatized to laboratory conditions (23°C, 12h/12h light/dark, 50% humidity, ad libitum access to food and water) for two weeks prior to experimentation. Intragastric gavage administration was carried out with conscious animals, using straight gavage needles appropriate for the animal size (15-17 g body weight: 22 gauge, 1 inch length, 1.25 mm ball diameter). All animals were euthanized by barbiturate overdose for tissue collection.

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