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Kanglaite Injection
Allergy Test in Guinea Pigs

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**Summary**
Kanglaite Injection (KLT), a white emulsion, was injected repeatedly into guinea pigs. The study results showed that KLT did not induce the anaphylactic reaction of guinea pigs.

1. **Introduction**
KLT is a white emulsion, which is being developed by Zhejiang Kanglaite Pharmaceutical Co., Ltd. according to traditional Chinese medicine theory. KLT was prepared by extracting the anticancer component from Chinese Herb Coicis Semen Yokuinin with modern technology.

The results of pharmacological study indicated that KLT showed significant antitumor effects against some animal transplantable tumors and human tumors xenograft.

KLT is expected to be useful in the treatment of human cancer.

2. **Purpose**
KLT was injected repeatedly into guinea pigs to determine the anaphylactic reaction.

3. **Test Materials**
KLT, a white emulsion (Lot No 920605), was received from Traditional Chinese Medicine Hospital of Zhejiang Province on 20 June 1992.

4. **Animals**
Male guinea pigs were obtained from the Animal Department of Shanghai Institute of Pharmaceutical Industry. The animals were given commercially available pellet diet and tap water ad libitum. The animal room environment was controlled at temperature of 22 to 26°C, relative humidity of 30-70% and a 12hr light/dark cycle. Animals were housed in suspended stainless steel cages. Body weight was 250-300g.

5. **Methods**
6 guinea pigs received KLT by the intraperitoneal route at the same dose level of 0.5 ml/animal once and 3 times every other day. 3 guinea pigs received KLT by the intravenous route at the dose level of 1.0 ml/animal once after 14 days of the first injection, the other 3 guinea pigs also received KLT by the intravenous route at the same dose level once after 21 days of the first injection. The anaphylactic reaction, such as hair set, labored breathing, sneezing, cough, convulsion, nausea, shock, etc would be observed in 15 minutes after
intravenous injection.

6. Results
The anaphylactic reaction of all guinea pigs could not be observed after 14 days and 21 days of the first injection.

7. Conclusion
Allergy test showed that KLT did not induce the anaphylactic reaction of the guinea pigs.