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Immunotoxicity study of JukYom(bamboo salt) in Rats

Su-Hyon Kim, Hye-Yeong Lee, Sun-Hee Kim, Yun-Jung Kim, Yhong-Hee Shim,
Sun-Hee Park, Seong-Kwi Kang, Chan-Sung Park, Jong-koo Kang
Biotoxtech Co LTD

To clarify the antigenicity of JukYom, we employed active systemic anaphylaxis (ASA) and passive cutaneous anaphylaxis (PCA) tests, using guinea pig models. In ASA test, male 6 groups of Hartley guinea pigs were sensitized with the vehicle, natural sea salt+FCA, low dose (200 mg/kg), high dose (300 mg/kg), Freund's complete adjvant(FCA) + high dose of JukYom and ovalbumin plus FCA. 15 days later, antigen were injected intravenously, then the anaphylaxis shock reactions were recorded. In PCA test, serum diluted to 10-and 5120-fold was injected intradermally into the back of guinea pigs, then four hours later, challenging antigen were injected intravenously. Treatment of JukYom did not exhibit any systemic anaphylactic reactions following challenge of the antigen. Also JukYom did not exert cutaneous anaphylactic reactions after intravenous injection of the antigen

Keyword : Immunotoxicity, rat, JukYom(bamboo salt)