

## The Effects of NOG-YONG Aqua-Acupuncture Solution on Cytotoxicities in Primary Culture of Adult Rat Hepatocytes

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This experimental study was carried out to investigate on the safety of Nog-yong aqua-acupuncture solution in primary culture of adult rat hepatocytes. Primary culture of adult rat hepatocytes has been considered as a ideal model for toxicological studies because cultured hepatocytes maintained many liver-specific functions. In this research, we investigated the effects of Nog-yong aqua-acupuncture(1-10 $\mu$ g/ml) on cytotoxicities in primary culture of adult rat hepatocytes using LDH release assays. Hepatic glutathione level, glutathione-S-transferase activity, and albumin synthesis were not affected by treatment with Nog-yong aqua-acupuntur alone. Nog-yong aqua-acupuncture solution(0.5-10 ug/ml) on cytotoxicities in primary culture of adult rat hepatocytes using LDH release not significantly affected normal functional characteristics.